

## Mystery surrounds disappearance of Malaysian airlines plane

SCIENCE &amp; TECHNOLOGY B9

## The News-Letter does Hopkins Bananas

PHOTO ESSAY A12

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## SAE bans pledging after deaths, injuries

By GULNAR TULI  
Staff Writer

The national Sigma Alpha Epsilon (SAE) fraternity announced on Friday that it was banning pledging for new members. The policy change will affect all SAE chapters, including the chapter at Hopkins. The decision was prompted by a recent spate of deaths linked to hazing and alcohol consumption at SAE chapters across the nation.

According to data collected by Bloomberg, there have been 10 such deaths since 2006 — the largest number of fatalities associated with any fraternity nationally. That statistic inspired Bloomberg to term SAE the “Deadliest Fraternity.”

In response to these incidents, SAE has eliminated the traditional pledging process, which typically can last from a number of weeks to several months. In its place, the new “True Gentleman Experience” will be implemented. The new program, SAE says,

will better prevent hazing by limiting the power of older fraternity brothers.

Changes made in the initiation process include the stipulation that all candidates for membership must be initiated as brothers within 96 hours of receiving a bid. Additionally, the pledge education program has been adapted so that all members of a given chapter must participate in member education, as opposed to just the new initiates.

“We have experienced a number of incidents and deaths, events with consequences that have never been consistent with our membership experience. Furthermore, we have endured a painful number of chapter closings as a result of hazing,” a statement released by SAE read. The fraternity has been subject to various lawsuits as a result of hazing deaths and injuries. In 2011, a Cornell SAE student died, prompting his mother to sue the chapter for \$25 million. Similar

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LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

The Women’s Initiative for Social Equity (WISE) brought young leaders and prominent alumnae together on Saturday for a leadership summit.

## Student group hosts first women’s summit

By EMILY HERMAN  
Staff Writer

Five Hopkins-affiliated female leaders spoke about their experiences as students and in the workplace at the inaugural Summit for Emerging Women Leaders held on Saturday in Charles Commons. The event was organized by the Women’s Initiative for

Social Equity (WISE).

The summit’s keynote speaker was Renee Chenault-Fattah ’79, a news anchor for NBC 10 News in Philadelphia. Chenault-Fattah, who serves on the Board of Trustees and worked as a lawyer before becoming a broadcast journalist, spoke about the qualities that women need to be successful.

“[She] revealed to us that the question we should be answering is not, ‘what do you want to be when you grow up,’ but rather, ‘what type of woman do we want to be when we grow up?’ founding WISE board member Janice Bonsu wrote in an email to *The News-Letter*. “I realized [from her speech]

if I follow my instincts and try to find a career that allows me to be the kind of woman I want to be, I will be happy.”

The summit started off with a speech from Joanne Rosen, the wife of President Ronald J. Daniels, who spoke about her career as an associate lecturer in the Department of Health Policy and Management at the Bloomberg School of Public Health. Rosen also touched upon the history and struggle of women at the Homewood Campus, which saw its first female undergraduates in 1970.

Mindy Farber ’74, one of the women in the first co-ed undergraduate class at Hopkins and the founder of her own Washington,

D.C. law firm, shared anecdotes from her undergraduate days. Several other women from her undergraduate class, who called themselves “the pioneering women,” were also in attendance. “She had so much energy and was so spunky and fun,” Adelaide Morphet said in an interview with *The News-Letter*.

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## Basketball falls in first NCAA trip

By SCOTT SHEEHAN  
Staff Writer

Two weekends ago, the Hopkins men’s basketball team pulled back-to-back upsets against Franklin & Marshall and Dickinson to win the Centennial Conference Championship for the first time since 2007. From this success, the team secured themselves a spot in the NCAA Division III championships this past weekend.

None of the players on the current roster had played in the NCAA tournament before.

Hopkins went into the tournament as the underdog against Virginia Wesleyan who had a 22-6 record during the regular season and had played in the tournament for the last 10 years. This did not cause the Jays to lose their confidence, as they had shown the previous weekend that they could defeat any team no matter their record.

“We were the underdogs in our own conference tournament so we were used to not being favored when we got matched up with Virginia Wesleyan in the first round,” junior George Bugarinovic said. “They are

traditionally a D-III basketball powerhouse that consistently makes deep tournament runs. We knew it would be a tough, competitive match-up but believed that we could win.”

The stadium filled up quickly as the crowd of nearly 1500 fans took their seats. This was the largest crowd that Hopkins had

**We were the underdogs in our own conference tournament ...**

— Junior George Bugarinovic

played for, but instead of letting their nerves kick in, they let it fuel their excitement.

“The crowd wasn’t intimidating; if anything, it made it more exciting. We played well in front of big crowds all year so we weren’t too worried about that,” sophomore Gene Williams said.

Virginia Wesleyan’s experience seemed to take control for the first few minutes as the Marlin’s

started the game on a 24-8 run to give them a 16 point lead less than eight minutes into the game. The Jays only shot one for eight during this stretch, while the Marlin’s shot nine for 10. It didn’t help that Hopkins allowed three turnovers as well. Hopkins called an early timeout to try to refocus and calm down before the game got out of hand. The team knew they needed to halt their opponent’s momentum, and also refocus and concentrate on defense.

“Them (Virginia Wesleyan) being on their home court certainly gave them confidence entering the game. They got out to an extremely hot start, as their guards hit some extremely difficult jump-shots. After our slow start, we stuck to our key defensive principles and started executing better offensively. That let us chip away and get back into the game,” Bugarinovic said.

As the players retook the court, the Jays began their comeback attempt. Sophomore Nikolas Kotoulis ended the Marlin’s streak by stealing the ball and being fouled when taking it to the net. He made both of his free throws to start a 14-8 run that cut the lead

SEE BASKETBALL, PAGE B10

## Class teaches students to think like spies, leaders

By CHRISTINA KO  
Staff Writer

With the sound of wailing babies and jeopardy music blaring in the background, sophomore Connor Sebastian frantically tried to read the articles in front of him while yelling to his teammates about how they should prepare a report on the situation.

The students were given 30 minutes but were cut off at 20. Then, they had to brief Mike Boston, a former officer in the army, and Louis Young II, a former member of the U.S. intelligence community, on what each defense or intelligence agency’s view on the crisis was and what measures it would take in response.

“In the beginning, no one really knew what to

do,” Sebastian said. “People, at that point, did what they would do in any other class, where they would try to kind of bluff their way through it and try to talk on an academic level.”

However, Sebastian said students who did so were called out on their mistakes and met with incisive questions like, “Do you know what you’re doing?”

This exercise was repeated weekly for “U.S. Intelligence Community: Theory & Practice,” a class which aims to inform students about the function, organization and operational elements of the U.S. Intelligence Community. After a lecture, students are divided into groups of five or six, in which they have to prepare a brief on a crisis

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## Students react to Crimean conflict

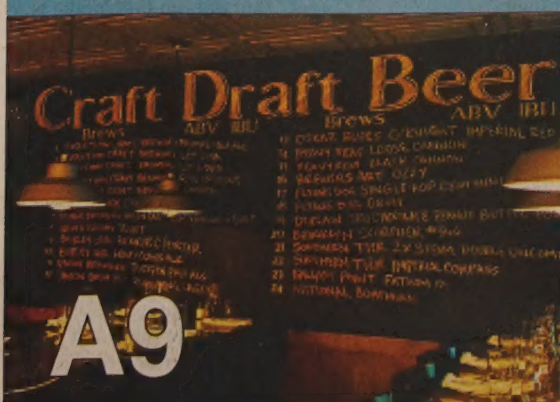
By MARY KATE TURNER  
Staff Writer

Hopkins students reacted this week to the occupation of the Crimean peninsula in Ukraine by Russian armed forces. Russia seized the region after Ukraine’s Russian-backed president fled the country following a violent crackdown on protesters demanding closer relations with the European Union. With the region now split between a Ukrainian-speaking west tilted towards Europe and a Russian-speaking east, the U.S. fears Moscow is trying to reassert influence over parts of the former Soviet Union.

The relationship over the years between Ukraine and its neighbor Russia has been incredibly complicated. Ukraine declared independence from the

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## INSIDE





## NEWS &amp; FEATURES



COURTESY OF JULIA GALAN  
Galan is the current associate director of the International Studies program.

## Students skeptical of shifts in IS program

By **GEORGINA RUPP**  
For *The News-Letter*

Sydney Van Morgan has been recruited as the full-time faculty director of the International Studies Program, taking over the responsibilities of Julia Galan, current associate director of the International Studies Program. Morgan will begin in this role on July 1, following a move from Cornell University's Institute for European Studies.

Galan informed undergraduates pursuing the major that her position was slated to be cut this summer in an email sent on Jan. 23.

"It is a real disappointment," Galan wrote in the email. "I have enjoyed every minute of my time working together with you to shape a program that is not just about academics, but about a dynamic community. I was excited to continue building our program with more events, more speakers, more opportunities, but it is not meant to be."

As associate director, Galan's responsibilities are numerous. She advises over 300 undergraduate students on course selection, undergraduate research opportunities and study abroad programs. She works with affiliated departments on creating unique tracks and focus areas that allow students to pursue a double major or minor while gaining in-depth knowledge about internationally relevant topics. One such track, which awards students a second major in sociology, is the Global Social Change and Development (GSCD) track. Galan's responsibilities also include organizing networking events, such as Maxie's parties or taking students to New York for SAIS Alumni events, managing exclusive exchange programs with Sciences Po Paris and SAIS and working with the Office of Admissions on recruitment of prospective students.

Pier M. Larson, acting vice dean for the humanities and social sciences and a professor in the history department, talked about Van Morgan's appointment in an email.

"We have been for some time seeking a full-time faculty director of the International Studies Program, parallel to the directors of the other interdisciplinary and interdepartmental majors," Larson wrote.

Regarding the decision to terminate Galan's current position, however, Larson declined to comment.

"We do not comment on personnel issues because they are private matters," Larson wrote.

Galan, likewise, declined to comment.

The lack of an explanation for the changes in the International Studies

Program has left many students surprised and uncertain of the program's trajectory going forward.

Sophomore Rosie Grant, an International Studies major, expressed her strong reaction to the news in an email.

"Frankly, it's both shocking and infuriating," Grant wrote in an email to *The News-Letter*. "I'm kind of at a loss — this program has grown so much because of Julia, and the administration has offered no rationale behind eliminating her position."

Shereen Shafi, an International Studies and Anthropology double major pursuing a SAIS BA/MA, agreed.

"Viewing it as a student who benefitted from the work she did, I can't understand why they would want to fire or replace Julia," Shafi wrote in an email to *The News-Letter*. "I'm shocked at their decision to terminate her position and I know most other students were as well."

Grant perceives Galan's role as invaluable to the International Studies program and described her experiences with Galan as consistently helpful.

"She's one of a handful of administrators that truly cares about her students and their well-being," Grant wrote.

She noted that she remembered meeting Galan while visiting the University during SOHOP, the Spring Open House and Overnight Program for accepted students.

"My mother was undeniably impressed by Julia's poise and information," Grant wrote. "She's the face of one of the largest majors at Hopkins. Without her, I don't see the IS program succeeding."

Despite palpable skepticism and discontent surrounding the decision to terminate the associate director position, students and administration alike agree that Galan will be missed.

Larson expressed his and others' gratitude for Galan's work in an email.

"The leadership of the Krieger School of Arts and Sciences has been very appreciative, as we know the students are too, of the work that Julia Galan has done for the International Studies Program as a member of the staff over the last years," he wrote.

Shafi agreed.

"She did so much to give life to the International Studies program," Shafi wrote. "I know she'll be missed."

Galan, too, ultimately showed appreciation for her time spent at Hopkins in her email to students.

"Thank you for being such a wonderful group!" she wrote. "I'm proud of all of your accomplishments!"

## Musician Thomas Dolby to join faculty in fall

By **AMANDA AUBLE**  
Staff Writer

Thomas Dolby, most well known for his 1982 New Wave hit "She Blinded Me with Science," is joining the Hopkins faculty as the first ever Homewood Professor of the Arts. Dolby is currently preparing to take the reigns of the Sound on Film course, which focuses on the creation of film soundtracks.

"I'm delighted. It's a really excellent faculty and a great school. I think the course is very intriguing and I hope to take it to a new level," Dolby said.

Now in its third year, Sound on Film is designed to foster collaboration between the Film and Media Studies Program and the Peabody Conservatory. Dolby plans to make use of his experience merging music with film, technology and science as part of the University's drive to promote cross-disciplinary research.

"I know that Hopkins students have a reputation for being very adventurous in terms of the courses that they select," Dolby said. "[Sound on Film] is a good way to mix up students from different disciplines. In addition to that, I think that the experience that I have in all of those different worlds, along with software creation and entrepreneurship and live performance, I think will give an interesting edge to the course."

With his knowledge of current technology, Dolby hopes to instruct students while keeping real-world applications in mind.

"I'm going to take a very practical approach," Dolby said. "Technology and equipment available

to filmmakers are really undergoing a revolution at the moment to the extent that for a few hundred dollars you could be making professional quality films. That is very empowering to aspiring filmmakers, because instead of trying to break into the industry you can actually go out and do it yourself."

Dolby stressed the importance of sound to the overall quality of films. He feels it is an often-overlooked aspect in the filmmaking process.

"Although the visual skills of filmmaking are pretty

sort of self-explanatory in that you can just have a go, and you work at it until you get better at it, sound is an absolutely crucial piece of the film-going experience and it's often over-looked by aspiring filmmakers," Dolby said. "Audiences are very intolerant of low quality sound. So, my approach to this is a very hands on, practical, approach of how do you get a high quality sound track made for your film? And that involves collaboration between several parties: the filmmaker, the composer and the sound designers," he added.

Dolby's appointment as Homewood Professor of the Arts was brought about by the Andrew W. Mellon Foundation's \$1.2 million grant to launch collaboration between the Krieger

School of Arts and Sciences and the Peabody Institute.

"[This position] would provide a liaison between Peabody [with] their composers and recording arts students and our filmmakers," Director of the Film and Media Studies Program Linda DeLibero said.

In January, Dolby expressed his interest in the position via email to DeLibero, and the news came as a welcomed surprise.

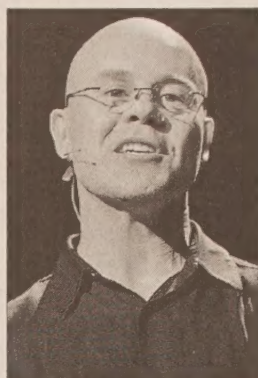
"This can't be the same Thomas Dolby," DeLibero said. "I was a big fan of his music and I had also

known that he had done all these other things in the intervening decades. I just thought that this is an incredible opportunity."

Now moving from the stage to the classroom, Dolby believes his career move will provide Hopkins students

with the skills he had to learn on his own.

"When I started out in the music business, I left school very young and I basically had to plunge straight into the business. I had nobody to really mentor me and I sort of learned by doing," Dolby said. "I always felt that when I got to a certain point in my career that I'd like to pass on my experience and wisdom, hopefully. It's nice to be in a position now to share that with a young generation of filmmakers."



COMMONS.WIKIMEDIA.ORG  
Dolby will join Hopkins next fall.

## Italian Club returns to Homewood Campus

By **MARC MOUTINHO**  
Staff Writer

After a brief hiatus, the Johns Hopkins Italian Club has been restored under a new management with a new vision for the direction of the club. Above all, the Italian Club is now seeking to take on a novel social dynamic which will make it more accessible to a larger proportion of Hopkins students.

Junior Herty Cortez, the new president of the Italian Club, enthusiastically explained that the club's revival offered an excellent opportunity to expand its aims and functions. He contrasted this with the aims and functions it had possessed prior to being placed on hiatus.

"Before this year, the Italian Club had a very academic background and objective," Cortez said. "The prime goal for the Italian Club was to provide tutoring because the school did not offer tutoring for Italian ... and to promote conversations between students that wanted to continue on with Italian after they finished their studies."

Cortez added that the original Italian Club had attempted to branch out from its primary goals, but that a lack of participation hindered its efforts.

"They attempted to have more social events as they were going on, but their recruitment wasn't as successful," Cortez said.

Ultimately, the lack of participation caused the Italian Club to disappear once the last of its members graduated in the summer of 2013.

However, as sophomore Elsheba Abraham, new vice-president of the Italian Club, explained, the

club's hiatus proved short-lived. Through the Department of German and Romance Languages and Literatures, Cortez began to contact people with the goal of restarting things as early as last semester.

"He sent out an email through all the TAs asking whoever was interested in the Italian Club to give a shout-out," Abraham said.

After organizing an impromptu gelato event, the prospective members of the new Italian Club turned their attention toward the issue of leadership with the aim of re-establishing the club.

"We have open leadership roles for anyone who wants to join," Abraham said. "That's how I got involved in the club."

These initial moves toward restarting the Italian Club were acknowledged and supported by the club's former academic advisor, Troy Tower, who contacted Cortez with a proposal to formally re-establish the club.

In his new leadership position, Cortez clearly set out his new vision for the Italian Club.

"I wanted to separate the academic and social elements of the club," Cortez said.

Cortez began by elaborating how the academic aspects of the Italian Club were initially addressed.

"The first thing that I thought would be great would be to email all the students and survey all the students who are currently in Italian to see if they needed the tutoring," Cortez said. "Once I got statistical proof that students really needed the tutoring, then we were able to ask the school to provide tutoring for Italian. Now Learning Den has a specific tutor for Italian."

However, Cortez went on to express that academic aspects of the Italian Club were taken care of primarily to make room for the more novel aspects of the club's new direction.

"I wanted to separate that immediately as I felt like we needed to be more of a social club," Cortez said. "You don't see these culture clubs as open; you don't hear about them as often."

Cortez also outlined the details of the Italian Club's affiliation with Hopkins.

"Technically we're a club like anyone else, so we need SGA [Student Government Association] approval," Cortez said. "So technically we can get funding from the SGA, but from the Department [of German and Romance Languages and Literatures] as well if we work along with the department."

However, the Italian Club's primary source of funding remains the SGA. The department, on the other hand, serves a variety of other practical purposes.

"The department tries to bring in speakers from Italy, famous writers and so on," Cortez said. "Sometimes we try to correlate along with them so that we can benefit from them."

The benefits of department affiliation have their limits though. Cortez regretted that publicity carried out by the department for events would naturally fail to reach the wider student population.

"They try to advertise it, but since they're mainly professors trying to advertise it, they don't get to the student body," Cortez said.

Generally speaking however, the department has played an important and valuable role in reviv-

ing the Italian Club. "The department is very helpful. Along with coordinating events with us, the professors are very willing to come in and speak to the students as well," Cortez said.

Logistical and publicity support, rather than funding, is currently the Italian Club's main concern. "Right now, our prime objective is to try to get our word out as much as possible," Cortez said. "The financial situation will get sorted out afterwards."

The Italian Club's focus on raising awareness speaks to the challenges they anticipate in trying to reactivate the club and host events ranging from high-table talks to soccer screenings.

"Definitely involvement is our main concern," Abraham said. "We do get people who sign up, but people who actually go to the events, we're still trying to see how that's going to work out."

One of the means by which the Italian Club hopes to bring in Italian-speaking students is through "high-table talks," which would give students the opportunity to keep practicing the language.

"What we hope to have out of high-table talks is to basically have a meal, and students around it, discussing some sort of topic," Cortez said.

Cortez stressed, however, that the Italian Club will also cater to non-Italian speakers who simply have an interest in the country but lacked an opportunity to study it through an academic course.

"We really want to involve as much of the campus and Hopkins community as much as possible," Cortez said. "We definitely welcome everyone."



## NEWS &amp; FEATURES

## Annual bake-off fundraises for Relay for Life

By SARI AMIEL  
Staff Writer

The Hopkins Organization for Programming (HOP) hosted its second annual baking contest last Thursday in the Glass Pavilion, raising \$460 for Relay for Life. The entries — baked by the 36 participating groups — ranged from macaroons to blue frosted cakes to cookies in the shape of swans.

“One of the reasons why I love doing this event is because students here are just so creative,” Rebecca Rabinowitz, an executive board member of the HOP, said. “I definitely think there was more variety this year in terms of what was churned out by the contestants.”

Rabinowitz, who co-ran the baking contest last year, developed a rubric, obtained prizes and publicized the event. Along with other HOP members, she also recruited judges who would sample the baked goods and evaluate them. She turned to the Office of Student Life to find judges because the enrollment in the contest was larger than she had expected it to be.

“We felt that if we offered a big incentive in terms of prizes, that would increase the number of people ... willing to join the event,” Rabinowitz said.

Although each group that participated had to set aside six slices of their baked goods for the judges, the remainder of the desserts were given out to students throughout the evening at no charge. Via optional donation cups, students could vote on their favorite desserts, while also donating money to Relay for Life.

“[The baking contest] was equally successfully attended both years, and we raised more money this year, which is exciting,” Joi Moore, one of the co-chairs of the event,

said.

By a rough count, Relay for Life raised \$460 this year, an improvement from the \$320 raised last year. The contestants whose entry raised the largest amount of money received a \$75 Amazon gift card.

The judges, not to be left out, selected winners for the five other categories of the contest. The winner in the presentation category got a \$100 gift card to Sur La Table. The winner in the taste category received a \$100 gift card to Woodberry Kitchen. The first place prize for the school spirit category was a Hopkins blanket. And a Kitchenaid mixer was awarded to the winners in both the

ning the all-around contest. This year, senior Austin Schnitzer won the all-around prize for a cake containing coffee, raspberry and chocolate ganache.

“I was pretty excited [to win] ... There’s a lot of people who entered so I wasn’t really sure what would happen,” Schnitzer said.

Schnitzer found out about the baking contest through his friends, and this was his first time baking this particular cake, although he had baked similar cakes before. He hopes to use his Kitchenaid mixer frequently in the future.

During the event, students got the chance to

and consists of a walk around a track. At Hopkins, different dance and a cappella groups perform during the night. Other events hosted by Relay for Life include a fall kickoff event and Harmonies for Hope, a concert made up of five a cappella groups. Also, each month, Relay for Life brings a meal to cancer patients staying at Hope Lodge.

Sophomore Amanda Lourenco is a member of Relay for Life who participated in the baking contest by making marshmallow flower cupcakes. Despite encountering an obstacle, she is planning to enter again next year.

“I lit my oven on fire baking a batch of cup-



LEON SANTHAKUMAR/ PHOTOGRAPHY EDITOR

Students compete in The HOP’s annual philanthropic baking contest, which raised \$460 for Relay for Life.

creativity and all-around categories. The entries were divided into two groups and judged separately. Three additional judges evaluated the top three entries in each category.

“The judges end up tasting so much dessert here that after a while they don’t taste it as much, and then looks wins over the taste,” senior Burcu Atay said.

Last year, Atay received an iPad for win-

sample a wide variety of desserts, and the participants all received aprons from the HOP. The money that Relay for Life raised will be used to fund the club’s major annual event, known as the Relay for Life.

The Relay for Life fundraiser is designed to raise money for the American Cancer Society. The event, which takes place in locations all over the country, is an overnight ceremony that recognizes survivors

cakes,” Lourenco said. “We were up pretty late baking.”

All in all, students had favorable opinions of the event.

“[The desserts] were all really delicious,” Moore said. “It was really impressive how creative people can be.”

Schnitzer agreed. “[The HOP and Relay] did a really nice job,” Schnitzer said. “I was impressed. I wasn’t sure what to expect.”

## Hopkins professor helps create Zerocoin currency

By JANE JEFFERY  
Staff Writer

Matthew Green, assistant research professor at the Johns Hopkins Information Security Institute, is making waves for leading the team in the computer science department that created Zerocoin, a digital currency meant as an extension of Bitcoin. He presented the product at the 2013 Institute of Electrical and Electronics Engineers (IEEE) Symposium on Security and Privacy in Oakland, Calif.

Green, Zerocoin’s primary creator, could not be reached for comment.

The Zerocoin website includes a description of how the digital currency is kept private.

“The key to this process is to ensure that the bitcoins received at the end of this process are completely unlinked to the bitcoins that were used in the beginning. This is accomplished using a variety of cryptographic components, including digital commitments and zero-knowledge proofs. The end result is that it is mathematically infeasible to link the particular bitcoins used at the beginning and end of this process, other than through educated guesswork,” the website states.

Zerocoin has been hailed for its provision of anonymity. It allows for virtual money transfers without the aid of a bank in a secure and private setting. The popular product Bitcoin serves the same purpose but does not provide the same level of security.

John Driscoll, adjunct professor in the economics department, affirmed that virtual currencies have several advantages.

“Electronic currencies are the latest in a long series of innovations on how to make transactions or store value. They have the potential advantage of convenience over paper currency transactions. They also share paper currency’s advantage of allowing for anonymous transactions, with some qualifications,” Driscoll wrote in an email to *The News-Letter*.

Some are wary that Zerocoin’s available anonymity might make illegal transactions even easier. Bitcoin, the less anonymous program, has already been the vehicle for numerous illegal hacks and exchanges. Driscoll agreed that there are problems with the concept of virtual currencies.

“First, as with paper currencies, there is the possibility they can be coun-

terfeited. Second, even with an electronic currency that’s determined to be genuine, there’s a possibility that the currency can be stolen — as apparently happened with Mt. Gox,” Driscoll wrote.

Since its introduction in 2009, Bitcoin has been used in black markets, Ponzi schemes, thefts and money laundering. Most recently, a court order was issued to freeze the assets of Mark Karpeles, the CEO of Mt. Gox, the world’s largest Bitcoin exchange. The Tokyo-based company fell under attack by hackers and has filed for Bankruptcy.

“Although transactions with such currency are anonymous — which might be desirable for people who want more privacy about their purchases than is afforded by a credit card or bank transfer — there’s the possibility that some clever hacker will figure out a way to trace the transactions,” Driscoll wrote.

This fear of hacking or lack of security has deterred some Hopkins students from using Bitcoin.

“I looked into Bitcoin, but it seemed complicated. The reason I heard about it was through a class I was taking on the deep web. I learned it’s been used in large drug trades, and it just seemed really sketchy,” freshman Jenny Wagner said.

Freshman Charlie Green expressed hesitation for other reasons.

“I might use Bitcoin or Zerocoin, but the dangers are a little scary. I think the convenience of using virtual currency and not having to carry around a wallet is really cool, though. I haven’t heard of a lot of places that accept it, but I’m excited to watch it grow,” Green said.

Driscoll emphasized that indeed, a currency is only convenient if its use is widespread.

“As with any money, to be most useful, electronic currency will have to have a large network of people willing to accept it for transactions,” Driscoll wrote.

As for the currency’s future, its website announced that Zerocoin will soon be undergoing changes.

“We will be updating this site soon to include details of our new version described by Matt Green at Real World Crypto 2014,” the website states.

“It will be interesting to see whether or how these challenges are overcome; it’s too soon to tell yet how successfully electronic currencies will be,” Driscoll wrote.

## SGA focuses on myriad of issues in weekly meeting

By ALEXIS SEARS  
Staff Writer

At Tuesday’s Student Government Association (SGA) meeting, members discussed the creation of a new organization called the Undergraduate Student Society for the Promotion of Campus Life, a freshmen mentorship program and a potential prank war against Loyola University Maryland.

Juniors Jake Stern and Amanda Hobson showed members of SGA a PowerPoint presentation about the new student life organization, which would include representatives from official student groups. SGA considered making the group a committee under the SGA bylaws or making it an advisory board through the Office of Student Life.

“The problem is that groups have similar interests but no single communication channel,” Stern said. “A common complaint is that students are apathetic.”

SGA members also discussed the possibility of giving new freshmen Hopkins Hillflint sweatshirts with an emblazoned H during move-in next fall. Freshmen Class President Jonathan Loewenberg also discussed a proposal by Freshman Class Senator Ope Olukorede to put together a freshmen mentorship program by pairing new SGA members with veteran upperclassmen.

“Even though we are well aware of how it works now, it would still be nice for upperclassmen who have been in SGA for three years to take on one or two freshmen, introduce them to the rest of the group and help to assimilate them into the student government culture,” Olukorede said. “I will be reaching out to our advisor [Director of Student Activities Robert] Turning about how to go about this, as well as the Executive Board to see what they think about how it could work.”

Executive President Alex Schupper also spent part of the meeting breaking down the budget situation for the rest of the year. He said that \$2069 is still available for events while \$333 is in the account for operations. SGA also has \$2143 on hand for contingencies. Schupper said that each student group will be eligible for \$100 if approved by the Student Activities Commission (SAC). Schupper also discussed bus captains for the Sweetlife Music and Food Festival in May and revealed the agenda for a meeting with President Ronald J. Daniels: school spirit, the introduction of a Latin honors system and a smoking ban for the Homewood Campus.

The senior class senators debriefed what they described as a successful happy hour on Monday and planned for a wine and cheese night with professors in Charles Commons on Wednesday. Senior Class President Sean Glass also revealed that the seniors have an extra \$8500, which SGA plans to spend on All You Can Eat Night at the Orioles game for \$40 a ticket, and towels during senior week. The junior class is also planning a night out at an Orioles game with the sophomore class.

On dining, Sophomore Class President Jahan Mirchandani reported to members that the vegetable quesadillas are now the most popular item on the menu at Nolan’s.

In sports, SGA members are planning a lacrosse tailgate on April 16, which would result in the closing

of the FFC for part of the day. Students could purchase food for either a meal swipe or about eight dollars.

When discussing new business, SGA denied a proposal for the mental health group SOS Hopkins and accepted a proposal for a new Cooking Club. They also considered the possibility of starting a prank war with Loyola University Maryland.

“I’m not saying we should have a prank war with Loyola...but I wouldn’t object,” Senior Class Senator Aaron Tessler said.



DANIEL DYLAN ALVAREZ/ PHOTOGRAPHY STAFF  
SGA Senators listen as their colleagues discuss coordinating groups.

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# PepsiCo sustainability director discusses environment, climate issues

By AUDREY COCKRUM  
News & Features Editor

Anna Palazij, director of resource conservation & sustainability at PepsiCo Beverages America, spoke to Hopkins students and faculty last week as part of the M. Gordon Wolman Seminar Series co-hosted by the Department of Geography and Environmental Engineering (DoGEE).

Palazij graduated from Hopkins in 2001 with a Bachelor of Science in Civil and Environmental Engineering. She has worked for PepsiCo since 2010.

Palazij's presentation, titled "Managing Sustainability at a Fortune 100 Company — A Look Through an Engineering Lens," focused on sustainability initiatives at PepsiCo Beverages such as energy management, water conservation and waste reduction. Palazij also detailed how engineering teams at PepsiCo work to design sustainable facilities and operations, as well as the ways in which these teams engage supply chains, consumer groups and stakeholders outside of the factory to minimize the corporation's carbon footprint.

Over the last decade or so, PepsiCo has worked to develop and broadcast its philosophy on sustainability. In order to become more profitable and efficient on the sustainability front, the company has focused primarily on energy and water conservation as well as reduced use of packaging material. Palazij emphasized PepsiCo's motto "Performance with Purpose," which communicates the company's dedication to finding innovative ways to minimize

its impact on the environment.

According to Palazij, the idea of "Performance with Purpose" is built upon three pillars: human sustainability, environmental sustainability and talent sustainability.

"Social sustainability really touches on all the elements of these, so we don't have a separate pillar for it," Palazij added.

Palazij concentrated primarily on environmental sustainability during her presentation, listing the main focuses of the program. The first focus, she said, is helping to protect and conserve global water supplies, especially in water-stressed areas, and provide access to safe water.

"Water is a very localized issue," Palazij explained. "We're trying to do more and more about restoring water to the same watershed we took it from."

Another focus of the initiative deals with packaging, waste and recycling. Creating innovative, sustainable packaging that has less impact on the environment is very important to PepsiCo; the company has focused intently on reducing the size of its packaging.

"For example, I don't know if any of you have noticed, but the cap necks on bottles have gotten shorter," Palazij said. "That's specifically one where it's not impacting anything in the bottle. It's lightweighting."

The bottles themselves have gotten lighter as well.

"Our Aquafina bottles are 50 percent lighter than they used to be for a 16.9 ounce bottle," Palazij said.

Additionally, Propel bottles are 30 percent

lighter than they used to be. In the past five years alone, PepsiCo has reduced the collective weight of its products by over 350 million pounds.

Regarding waste and recycling initiatives, PepsiCo also strives to eliminate the solid waste that is sent to landfills from its production facilities.

"We try to find as many beneficial uses for our waste as possible,"

Palazij said. "We have a number of factories that are less than one percent and a number that are zero landfill."

Palazij underscored the company's commitment to increasing recycling rates.

"We also use 10 percent post-consumer recycled content in our bottles on average," she said.

In addition, PepsiCo is constantly working to

achieve an absolute reduction in greenhouse gas emissions through increased energy efficiency and fuel conservation. One of the ways it has sought to do this is by developing and installing more energy efficient vending machines that utilize LED-based lighting as well as motion sensors.

Palazij was well received by her audience.

"[The presentation]

was interesting because the speaker graduated from Hopkins with a civil engineering degree and ended up working in sustainability at a corporate level," junior Michelle Bohrsen said. "And while that's not exactly what I want to do, I am going to graduate Hopkins as an engineer and was glad to see that she was successful and passionate with another career path."

## Sigma Alpha Epsilon bans pledge process

SAE, FROM A1 incidents have forced SAE to suspend or close 15 chapters within the last three years, according to TIME Magazine.

As a result of such events, SAE foots a higher bill for liability insurance than almost any other fraternity. According to the organization's website, SAE hopes that the new ban on pledging will help to reduce this expense.

Though recent events have resulted in bad publicity for the organization, negative media attention is only a part of the inspiration behind SAE's change in policy.

"The attack on our image is not the sole motivating factor behind the changes ... We are making this change because it's the right thing to do and because we firmly believe in returning to what our Founding Fathers envisioned," the statement read.

As a result of the new policies, the SAE chapter at Hopkins is in the process of conforming to the national ban on pledging.

"The change of procedure nationally has resulted in our Sigma Alpha Epsilon chapter initiating

all of their members a little early (since they were already in the middle of the process) and altering their new member education program to accommodate the new membership

pose of the new member period is to help the new members of the chapter form a strong bond with one another and with the other chapter members. In a sense, this unites the fra-

kins administration to ban pledging.

"We defer to the national organizations when it comes to the chapters structuring their own new member processes. However, in all cases, the University prohibits hazing of any kind and will intervene if that behavior is suspected," Drennen wrote.

SAE is not the first fraternity to move away from pledging nationally.

"Other fraternities have already shifted or begun the process of shifting their new member programs to a four-year membership development process," Drennen wrote.

SAE believes this change in policy may pave the way for other fraternities to follow.

"The Supreme Council believes the time is now to embrace change in the way our groups operate in order to ensure our future success. And now is the time to lead the way among Greek-letter organizations," SAE's statement read.

Members of the SAE executive board at Hopkins declined to comment.



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR  
Sigma Alpha Epsilon will no longer have pledges following national policy.

education format," Rachel Drennen, Coordinator of Greek Life & Orientation, wrote in an email to The News-Letter.

Drennen said she saw the initiation period as helping to build relationships among fraternity members.

"I believe that the pur-

ternity and sorority community because all students are having a positive, close-knit experience," Drennen wrote.

According to Drennen, though the University is strongly against all forms of hazing, there has never been a push by the Hop-

## New club teaches acrobatic skills

By ALEX FINE  
Staff Writer

After petitioning for University approval for the past year and a half, the Aerial Circus Club has officially launched this semester, receiving the Student Government Association's approval on March 4.

Meeting on Friday afternoons, co-founders Marni Epstein and Gwen Martin lead a group of 12 students to the Mobtown Ballroom in Pigtown, Baltimore to teach them the fundamentals of aerial silks, a form of aerial acrobatics.

Epstein and Martin, sophomores with eight and six years of experience in circus respectively, have wanted to form an aerial silks club since the fall of their freshman year.

"I started circus when I was 12 years old at summer camp," Epstein said. "Before coming to Hopkins, I took a gap year and spent five months at a youth circus in South Africa teaching children. It has been a huge part of my life."

Epstein pointed out that the process for gaining club approval was particularly arduous.

"Unfortunately, we encountered a huge amount of resistance from the school when we first approached them because they were so unfamiliar with the concepts," Epstein said.

Aerial Silk is a type of circus in which performers climb two 25-foot-tall pieces of fabric while con-

torting themselves and spinning between the two. Because it is inherently performed without a harness, the University was reluctant to approve the club until they were able to find a space to practice off campus.

"We were told by the administration that if we want to succeed, we would need to find a place to go off campus because the school did not want liability," Epstein said. "It's funny though, because [aerial silk] is probably as dangerous as basketball. I've never seen a single person fall."

When they were finally approved as a university sanctioned organization this semester, the two found a group of interested students to take the weekly trip downtown, even as most

had no previous experience with the activity.

"I hadn't done circus until Marni showed me silks," sophomore Bijan Abar said. "We're

both in the Outdoors Club, and because I am really into climbing, she suggested I join her new club."

On Friday afternoons, Abar and the other 11 pupils travel to the Mobtown Ballroom for a two hour session.

For the first hour, a professional instructor teaches the group the proper footholds and grips of the sport, at which point Epstein and Martin take over instruction.

There are two main categories of moves within

aerial silk. The first category, drops, consists of wrapping one's legs around a strand of silk and contorting one's body while sliding down.

The second, static poses, requires the aerialist to tie knots in the silk with his or her feet while holding a pose in the air.

"Both require a lot of body awareness," Epstein said. "But eventually you'll be able to master it and do a split upside down, which is just awesome."

Although the club is brand new, they are already looking to expand. Due to the limitation of the space they are renting, the group needs exactly 12 people to commit to going for four weeks, with the cost of renting the space staying constant no matter how many members show up.

While they initially had 15 students interested in joining, Epstein and Martin had to turn three away due to space limitation.

By the end of the semester, they are hoping to find enough people interested to create a second session on a different day.

"It's really cool how all of this has spread via word of mouth," Epstein said. "We most certainly are hoping to expand in the future."

Abar echoed Epstein's remarks.

"I know most of the people who have joined so far are from the Outdoors Club," Abar said, "but we already have had one graduate student join us, and no experience is necessary to join."

The group is hoping to put together a performance by the end of the year to showcase what they have learned this semester.

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## NEWS &amp; FEATURES

## Ukrainian unrest draws sharp responses

UKRAINE, FROM A1

Soviet Union in August of 1991, but things have not been easy in the years since. Russian-speakers and Russian-sympathizers have extended their influence throughout much of the country, especially in the east.

Russian-born sophomore Masha Ilna grew up just across the Black Sea from Ukraine. Ilna says she feels confident that Russians bear no prejudice against Ukrainians, despite the anti-Russian sentiment she has experienced from Ukrainians in her life.

"I think it's a complicated situation and that it is hard to say who is right or wrong because there are a lot of different aspects involved in the situation. For me and my family in Russia, we believe that much is portrayed incorrectly, and I believe it's so tragic that people lost their lives in this conflict. I also see it that Ukraine very much tries to differentiate itself from Russia. However, a lot of Russians see it completely differently and believe Ukraine and Ukrainians to be very similar to Russia and see the people as kin," Ilna wrote in an email to *The News-Letter*.

In 2010, Ukrainian President Viktor Yanukovich was elected to office after a race that was criticized for electoral irregularities; Yanukovich tried to maintain close ties with Russian President Vladimir Putin economically while keeping the door open to Europe.

In November, Yanukovich abandoned the European Union trade agreement that had been in the works for months and would have yielded closer ties with Europe. Instead, he signed an agreement with Russia valued at \$15 billion.

"Mind you, in Ukraine, the Yanukovich government embezzles \$8 to \$10 billion annually ... and this \$15 billion was not going to go to the people at all; it was just going to fill the pockets of the government, because that was the trend that had been going on up to that point," senior Paul Tershakovec said.

Tershakovec is a third generation American whose grandparents fled Ukraine a year prior to the Nazi invasion in World War II. He speaks Ukrainian at home and has visited relatives in western Ukraine several times.

As a result of the government backtracking on integration with Europe, protests began to break out, beginning in the capital city, Kiev. The protests, as a whole, were peaceful; Yanukovich, on the other hand, reportedly ordered police to use violence to break them up if necessary.

The protests continued, however, leading to the occupation of Kiev's city hall on Dec. 8. That was the largest demonstration yet, with 800,000 attendees.

Beginning in January, the Ukrainian parliament started passing anti-protest laws. Incidentally, three protesters were reported dead three days later. The laws were quickly annulled after the resignation of Prime Minister Mykola Azarov, and parliament passed an amnesty bill agreeing to drop charges against protesters that had been arrested as long as current protesters abandoned their occupation of government buildings.

This was initially rejected by the protestors, but a few short weeks later, over 200 protesters were released and Kiev's city hall was abandoned.

Days later, though, protests heated up again, culminating in one of the bloodiest days the nation had seen in almost a century, with over 80 dead. At that point, police forces

had been told to shoot to kill.

Yanukovich denounced the protest movement, which he dubbed a coup d'état, and fled the country. However, he attempted to retain a hold on his power by later making a television appearance from Russia in which he asserted the legitimacy of his presidency.

Yanukovich, his friends and his family have been receiving death threats for some time now.

"And I guess rightfully so," Tershakovec said. "One man is threatening the freedom and livelihood of your entire family ... it seems unthinkable that something like that would happen to us in the U.S., but if that were to be the reality, what would you do? So he left."

Yanukovich was replaced on Feb. 23 by Speaker Olexander Turchynov, who is currently serving as interim president. A warrant for the arrest of the ex-president was issued that same day.

Rival protests began in Crimea the next day.

March 1 marked the day when Russia, under Putin's request and his parliament's approval, first sent forces into Ukraine. Unmarked troops landed in Crimea in order to, according to Putin, protect the well-being of Russian-speakers in the area.

However, many argue that Russia has ulterior motives for their presence in Crimea. Co-Executive Director of the Foreign Affairs Symposium (FAS) Will Szymanski explained that Putin's actions are not protectionary but rather political.

"[T]he core ambition for Russia with this conflict has several dimensions: Trying to keep Ukraine within a sphere of influence, a significant port land-grab at a time of chaos, and a threat to all Russian neighbors who have EU, NATO and western-minded ambitions (Baltic states, Caucasus states, and Central Asia). Putin has already said once before to former President of Georgia Mikheil Saakashvili: the West will promise, but won't deliver. Russia will not promise, but will certainly deliver — essentially a threat to neighboring nations that looking westward will achieve nothing but destruction," Szymanski wrote in an email to *The News-Letter*.

Szymanski said that he thinks Putin is willing to make sacrifices to achieve political gain.

"When looking at this crisis as an American, I urge people to see this from a realist perspective," Szymanski wrote. "Trying to see Russia as anything but realist will simply frustrate viewers. Russia is committed to a zero-sum policy known as the Liberal Empire, and will incur short term losses — even economically — for long term political gain."

Putin, however, maintains that Russia is not outright occupying Crimea, but rather that the troops are there to protect the interests of Russia, Russian citizens and Russian-speaking Ukrainians.

Tershakovec, along with many others, does not buy this idea.

"The Russian Federation started increasing their military exercises and their alert level at their military bases. There were reports prior to this increased alert of unmarked masked gunmen that looked like marines taking control of the Supreme Council and raising the Russian flag ... Those troops

kept landing in Crimea, whether from the sea or in trucks, marked with Russian plates, armed with Russian weaponry. More of them came, more occupied Crimea and [tried] to force a referendum on the Supreme Council, because it's an autonomous state," Tershakovec said.

"However, this referendum needs to be approved; essentially it has to be constitutional, and it's not. So the referendum hasn't happened yet. But, in the meantime, this is what has happened: lots of media attention in Crimea, the Russian Federation's government saying outright 'we're not occupying Crimea,' military commanders in Crimea saying 'yeah, we're Russian,' so, they are. There's no doubt about that. They have started coming to Ukrainian military bases in Crimea with trucks full



COURTESY OF WIKIPEDIA COMMONS  
Putin's actions are viewed by some as an invasion.

of soldiers armed to the teeth and invading the forts. They come, to the doors and they demand to see the commanding officer, and the commanding officer comes out and they say 'give up your weapons, we are occupying this area for the safety of Russian-speaking men,' he added.

In an hour-and-a-half long phone call, U.S. President Barack Obama asked Putin to withdraw his troops. Putin and his diplomats have instead adopted a strategy of radio silence, ignoring the requests of most of their neighbors.

"This has the possibility of upsetting the current balance of power. It could become a regional conflict if neighboring countries get involved," International Studies major and freshman FAS member Alex Weisman said.

Thus far, Crimean troops have not used force against the Russians, and thus interactions have remained relatively nonviolent.

"Frankly, the Ukrainian troops have every right to shoot at the invading troops ... but, they've been ordered to stand down, and it's been working thus far because the Russian troops aren't ready to massacre a bunch of Ukrainian soldiers that are not fighting back," Tershakovec said.

American fighter jets have arrived in Poland and Lithuania, and the aircraft carrier George H.W. Bush is making moves to enter the Black Sea. The United States and France have both issued statements warning Russia of "new measures" should it fail to withdraw its forces.

On March 6, the Crimean Parliament passed a motion to secede from Ukraine, asking to join Russia. This was, not surprisingly, met by Russian support. Ukrainian Prime Minister Arseniy Yatsenyuk, however, was not so eager for this to be the case, promising not to cede a "single centimeter" of Ukrainian land to Russia.

That statement was sup-

ported by Obama, who extended an invitation to the White House to Yatsenyuk.

"The situation will also have a lasting impact for the Obama administration in that the way they handle this will ultimately determine his foreign policy legacy," Weisman said.

Szymanski asserted that U.S. policy thus far has not gone far enough to address the underlying issues of the conflict.

"As for the main actors in this engagement, I see EU, Russia and the United States playing most of the cards. Though, America's actions thus far have been certainly weak. Putin has assured his oligarchs, that in the face of economic sanctions, Russia will prevail in the long term. Rhetoric, time and time again, along will take hold on Russian support for this land-grab if the United States does not act decisively," Szymanski wrote.

Szymanski urged resolute American action.

"The US should share intelligence with Ukraine and mobilize the NATO Special Response Force, at the very least to cool down Russian encroachment. Probably the best action in this conflict, though, actually lies in EU and United States aid to the people of Ukraine (amounted at \$16 billion). Winning and keeping the hearts and minds of the Ukrainian people is the absolute victory for the Western nations in this engagement. Keeping the electricity going

and providing for a family are the underlying necessities for Ukrainians during this conflict, so by keeping a healthy standard of living, Ukrainians are less likely to have their hearts and minds fall back into the hands of their aggressive neighbor," Szymanski wrote.

Tershakovec firmly believes that any conflict that might arise will end quickly, mostly because Putin does not possess an army anywhere near as strong as the Soviet Union's at the height of the Cold War. He fears, however, for the sake of the Crimean peninsula.

"I'm worried that Crimea will be the sacrifice that Ukraine has to make, which is very sad especially given the history that the Crimeans have with Russia; even under the tsars, they were persecuted ... The Ukrainian people do deserve a better future than they've had, because over the last 2000 years, Ukrainians have had about 370 years of independence," he said.

## Asymmetric Institute takes unconventional approach

ASYMMETRIC, FROM A1

under a time limit with the articles they are given. The class is offered through the Department of Military Science as a result of a partnership with the Asymmetric Studies Institute, a nonprofit research and education organization, of which Boston and Young are chairman and vice chairman, respectively.

First offered during Inter-session in 2012, the class was designed with ROTC cadets in mind; Lieutenant Colonel Paul Carroll, director of the Department of Military Sciences, said junior and senior cadets had expressed a desire to learn how the intelligence community works with the military.

Briefing is also an integral part of a military officer's duties. Carroll said that one of the first duties as a junior officer is to brief senior officers.

"It teaches a different skill set that's probably not taught in a lot of other classes on campus," Boston said.

U.S. Intelligence Community: Theory & Practice has been offered every semester since Spring 2012.

Although the class initially began with mostly ROTC cadets, Boston said it now includes many non-ROTC students.

"Really, no matter what you do, your ability to take information, critically think about the information, distill it, and then deliver it is a valuable skill to have," Carroll said. "By working in the small groups as well, they learn the most difficult form of leadership: peer leadership."

Now, there are also two independent study classes through which students can delve deeper into related topics of their choice.

Sophomore Will Marcus said the instructors' backgrounds in the intelligence and defense community created a "completely different dynamic" between them and the students.

"There was an almost tangible aura of fear after they revealed some details about their past careers," Marcus said. "I was just completely in awe of them."

Marcus also said the professors did not answer questions directly, which made the students wonder if the instructors were secretly reading their text messages.

However, sophomore Staley Smith said they became more approachable

over time.

"They were genuinely interested in our lives, which was rare, especially at this University," Smith said.

Smith also said that U.S. Intelligence Community: Theory & Practice presented different challenges than the classes she had taken before.

"It's the first class I've taken that wasn't just memorization and regurgitation," Smith said. "We had to take the information that we were given ... and come up with your own conclusion and analysis rather than just regurgitating information."

Another aspect of the course Connor enjoyed was the significance of current events.

"You would not do well unless you could supplement [the information given by the instructors] with outside information, so the most important reading you were doing was reading the newspaper every day, which was kind of cool, because that gets overlooked," Sebastian said.

Smith said that as the class went on, she also viewed the news differently.

"I didn't realize that there was a much more complicated and intricate dynamic than what it seems to be when you watch it on the news," Smith said. "It's so much more complex."

"Now I'm always curious what the full story is," Smith added. "[News outlets] like

to report it right when it comes out, and that's not always the most accurate. The details aren't fully exposed. Even though we weren't shown anything that other people couldn't find, we could see the obstacle for the normal person to try and fill the blanks in order to find the most accurate and full story."

Senior Ollie McNeely said it was exciting to see how the government agencies' responses compared to how he and his classmates had reacted during their situation reports.

In addition, the class has involved high-profile guest speakers, like former FBI operative Eric O'Neill, who was responsible for the high-profile arrest and conviction of Robert Hansen, an FBI agent and spy for the Soviet Union.

"I looked forward to my three [two and a half] hour night time class every Wednesday," Marcus said.

It teaches a different skill set that's probably not taught in a lot of other classes on campus.

-MIKE BOSTON, ASYMMETRIC INSTITUTE CHAIRMAN

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## HOPE urges action on mental health disparities

By WILL KRAUSE  
For The News-Letter

This year's Health Disparities Week kicked off on Monday with a lecture from keynote speaker Tamar Mendelson of the Bloomberg School of Public Health. Her lecture, titled "Promoting Social and Emotional Well Being in Urban Youth," stressed the social determinants of mental health.

Every year, the Hopkins Organization for Pre-Health Education (HOPE) hosts Health Disparities Week in order to raise awareness about various issues. The central topic this year is mental health.

"There's a lot of evidence that stress contributes to mental health disorders, especially unipolar depression and some forms of anxiety," Mendelson said in an interview with *The News-Letter*.

"There are some mental health disorders that are more genetically or biologically based, but many of them have a large component of responses to the environment." In her lecture, Mendelson pointed out that children growing up in poverty are exposed to chronic stress over time and that this stress can lead to disruptions in cognitive and emotional regulation capacities.

Moreover, she suggested that treatment for mental health is rare. "Very few people who need mental health services receive them," Mendelson said. "The numbers are pretty appalling. Most do not receive treatment and even the people who do receive treatment aren't receiving adequate treatment."

One way Mendelson has tried to address these issues, and to prevent potential mental health disorders in young children, is by partnering with the Holistic Life Foundation. The Holistic Life Foundation, based in Baltimore, is a non-profit organization dedicated to fostering the well-being of people living in underserved neighborhoods by educated Baltimore Public School children about mindfulness-based approaches to stress. The most common of these approaches is yoga.

Yoga, according to Mendelson, is an effective way to reduce and prevent chronic stress. Self-reports suggest that yoga and meditation exercises can be responsible for positive improvements in mental health.

Mendelson did point out certain challenges to introducing mindfulness practices in the Baltimore city schools.

"I think the biggest barrier to introducing any kind of program is just how overworked everyone is and how you need resources of both people's time and often financial supports as well," she said.

However, there are ways Hopkins students could get involved in reducing such barriers and spreading awareness about the necessity of mental health treatment.

"There are various mental health groups that are all starting to come together, and there are different clubs you can join," sophomore Julia Felicione said. "I think the best thing people can do is to be open and honest about their issues, because there is still a big stigma around mental health and mental health issues themselves."

Raising awareness for mental health could also

have implications for helping students at Hopkins cope with the workload.

"At college ages, actually, a lot of times people have vulnerability to psychotic episodes, which develops in adolescence and goes up in college years," Mendelson said.

"I've noticed the amount of work here definitely perpetuates a lot of issues that, if they were mild before, they could become worse, because now people are in this really intense academic environment which they may not be used to," Felicione said.

More than anything, Felicione stressed the importance of seeking help for mental health disorders.

"For me I feel the more people speak up about them

and the more people talk about them and make them commonplace, the easier it will be for people to get help. There will be less amount of time people have to suffer in silence," she said.

Following the lecture from Mendelson on Monday, HOPE hosted a Cards for Care event on Tuesday, during which students wrote cards to mental health patients in the Baltimore area.

The Mental Health Fair will take place in Charles Commons at 6 p.m. on Thursday. HOPE will wrap up Health Disparities Week with their Brain Foods event all day on Friday at the Breezeway.

**Very few people who need mental health services receive them.**

**- TAMAR MENDELSON, KEYNOTE SPEAKER**

## Summit for Women Leaders draws alumnae, faculty



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

Students discussed some of the issues women face. Topics included feminism, supporting other women and male-dominated workplaces.

SUMMIT, FROM A1

"It was incredible to see her up there and everyone could really feel the power of what she was saying."

Farber's stories about attending Hopkins spoke of a time when there were no women's restrooms on the engineering quad and the only women's athletic programs were cheerleading for lacrosse and cheerleading for football.

"She brought tears to my eyes as she reminisced with the room about struggling when she first came to Hopkins," Bonsu wrote.

Joanne Leedom-Ackerman, a graduate of the Writing Seminars masters program and a member of the Board of Trustees, also gave a speech about her career as a journalist, novelist and short story writer.

Following Leedom-

Ackerman, Sarah Hemminger, who holds a PhD in biomedical engineering from the Whiting School of Engineering, spoke about her own career path. Hemminger co-founded the Incentive Mentoring Program, which matches underperforming high school students with volunteers who help them stay on track.

Before lunch, the approximately 60 attendees were matched with alumnae, faculty and WISE Board members to discuss issues that working women face, including wage gaps, succeeding in male-dominated fields and balancing work with family.

Freshman Sara Jones said she enjoyed speaking with alumnae and learning about how they made their mark on the University.

"[Hopkins] women have

come a long way, and more events [like this] will help us go even further," Jones said.

The WISE Board, which was founded in the fall and consists of eight undergraduates from all four classes, planned the summit as their first major event.

"We [want to] create a network of women who are interested in being a leader and who are interested in women's rights and equality," Morphett said. "It's surprising that there wasn't some sort of body like this before now."

Bonsu, who originally conceived the idea of starting the group, noted having received her inspiration from author and Facebook Chief Operating Officer Sheryl Sandberg.

"This summer, I read the book *Lean In* by Sheryl

Sandberg and was so inspired that I came back to campus looking to encourage others to move and act!" Bonsu wrote.

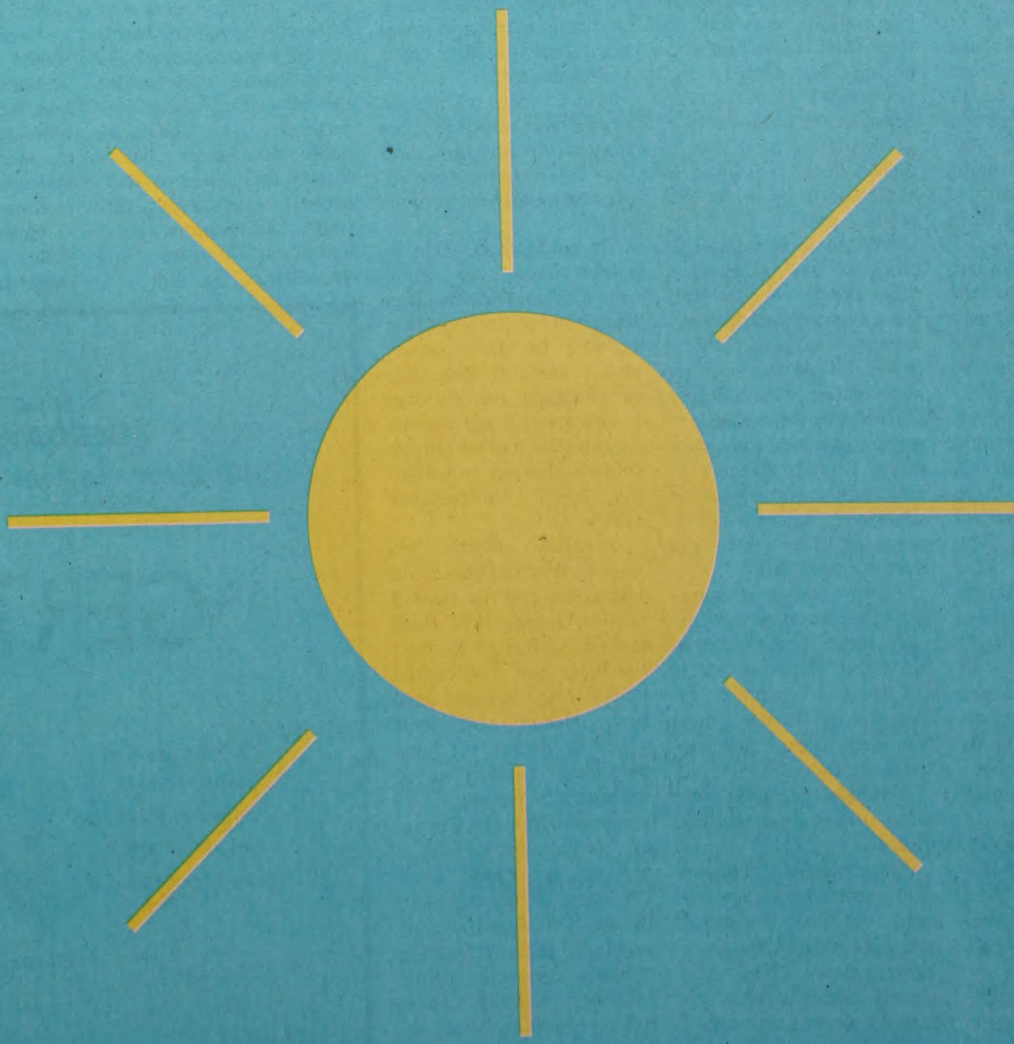
In addition to expanding the summit next year, the WISE Board hopes to host a speaker series in the fall. The board will also host a meet-and-greet event on March 31 for interested students to learn more about WISE.

"A lot of people asked how they could get more involved [with WISE] so we thought this would be a good opportunity to act as a follow-up to the conference and also to get more ideas," Morphett said.

Bonsu said that she hopes WISE will help create more opportunities.

"We also want to work to extend our reach out of our immediate campus in changing the lives of ladies in high school," she wrote.

The editors at The News-Letter wish you all a happy spring break!







# DODGE IS A KIND OF CAR.

## NOT A STRATEGY FOR CROSSING THE STREET.

You're not one to toe the line, to do things the way they've always been done, or to cling to convention. No one ever changed the world by playing it safe, right? Well, that depends. If by "playing it safe" you mean using common sense when crossing the street—looking both ways, staying off your phone, and sticking to the crosswalk—then following the rules might be the most revolutionary thing you can do. And it gives you a better shot at being around long enough to really break new ground.

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BE A  ROAD SCHOLAR




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HIP HOP

The next generation of COLUMNS is here. This is the place for restaurants, fashion, fitness, cooking, relationships, lifestyle and trends

# A crazy cat, bothersome bachelor and priceless photobomb



Jezebel @Jezebel · 1h

22-pound cat takes family hostage, family calls 911 for help bit.ly/1g4T2xX pic.twitter.com/SShU16QTgR

Expand

911 CALL


CAT ATTACK

CALLER:  
HE'S CHARGING AT US. HE'S AT OUR DOOR, BEDROOM DOOR.

DISPATCH:  
ONE MOMENT, OKAY?

CAT  
RAAAAAARRRRRRR!

Well this is just terrifying. But let's talk about the situation for a second. This cat has a history of violence, so why does the family still let it around a baby? And why would you ever kick a cat?



TheWrap @TheWrap · 4h

'Bachelor' Juan Pablo Galavis Picks His Girl, Pisses Off Internet and Officially Becomes Most-Hated Contestant Ever bit.ly/1qsRtTs

View summary

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It's already sketchy when you have people competing to marry a guy/girl in front of all of America, but this season was especially terrible, as Juan Pablo pretty much offended everyone and only ended up making the women he dumped look better off.



refinery29 @Refinery29 · 44s


No dare needed — Jon Hamm + @jimmyfallon photobomb New York tourists at @rockcenternyc. HA! r29.co/1ISYRH0 pic.twitter.com/ONVsfcpM57



Expand

Reply Retweet Favorite More

This photo just speaks for itself. Jimmy Fallon is doing such a great job with creating viral videos and photos for *The Tonight Show Starring Jimmy Fallon*, and Jon Hamm is just a fantastic addition to any show/photo, plus I love how he's basically BFFs with everyone who films at *30 Rock*.




Lachlan Markay @lachlan · Mar.10

Source sends these pics, says they show Rep. Stockman drinking w/ YRs in a CPAC hotel bathtub twitpic.com/dxx44l twitpic.com/dxx4gz

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At CPAC, a conference during which conservatives get together to trash Obama and talk about how great they are, photos were leaked of Rep. Steve Stockman (R-Texas) hanging out at a hot tub party where he offered young conservatives \$20 to get in the hot tub and toasted "F\*\*k the left." These people want to run our country.



Dave Itzkoff @ditzkoff · Mar 9

Next week on True Detective: Marty and Rust frantically scramble to log onto HBO Go to learn what happened this week on True Detective.

Expand

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The *True Detective* finale broke HBO.go and the Internet predictably went crazy, probably a lot like how I feel write now as I try to write this column while Twitter is down, AND I CAN'T SEE WHAT THE REST OF THE WORLD IS DOING HELP.

## @rachel\_witkin Tweets of the Week

This weekly column features some of the top posts around the Twitter realm that deal with the week's top stories in sports, politics, pop culture and all things news.

## From a sophomore with senior friends

It's hard having friends who are graduating soon

This is dedicated to all the people that told me that I shouldn't be friends with seniors.

As a sophomore, people continually ask me why my closest friends are seniors, but I say why not? Even though I know they will not still be here at Hopkins next year, I still enjoy the time I spend with them, whether we're spending long nights studying in Brody or watching *Scandal* in the Wolman Theater.

Because of how much I appreciate their company, I would have never expected that having friends that are older would come with the difficulties that I constantly encounter.

The most common situation I face when spending time with my senior friends is when someone starts a conversation with, "Remember that time..." When I hear this, I immediately know they are probably going to talk about hanging out in the Building B basement or some other seemingly far off memory of the good old times they had during their freshman year.

After this trip down memory lane continues for a while, without fail someone points out that I am just a sophomore so I was not present for this grand occasion, but I'm really not bothered by this constant ostracism.

Another disadvantage to my close friendships with seniors is inadvertently being infected with senioritis.

When surrounded by people who are almost done with their Hopkins careers and have job offers and schoolwork that is not at the top of their priority list, I find myself starting to feel the same way — until I realize I have four more semesters of college left. Although sometimes I may think of myself as being 21, in reality I am younger and cannot graduate in the spring or — more importantly — go to clubs or bars with my older friends.

I know I may make it seem like having friends who are seniors is not a

pleasurable experience but, save the occasional feeling of being left out, there are numerous benefits.

My senior friends give me great advice, not just about which classes to take and other college-related decisions, but also about life in general. Since they have already experienced sophomore year, they are able to tell me about the mistakes they made so I do not make the same ones.

Knowing people who have taken the classes I am currently

taking is helpful when I am looking for free textbooks or help with assignments. Another great benefit is that I can completely avoid the search for off-campus housing, since I'm taking the lease of two of my friends' awesome apartment (with roof access!) when they graduate. I always have someone to turn to

for any and everything that I need from suggestions for filling out an application, having someone review a paper or getting

someone to help me understand a microeconomic model.

Even still, I'd have to say that the most important benefit of being a sophomore with close friends who are seniors is that I am almost always surrounded by a group of amazing role models. They may not know it yet, but I am positive that they will all be successful as they enter the real world. I admire them for their dedication that helped them to survive Hopkins and to accomplish their goals.

I do have friends in other years, though, particularly other sophomores and juniors. I value my time with my peers just as much because I know that I have time to create memories with them during my junior and senior years.

With just a couple of months until my senior friends graduate, however, I know that next year I will miss them more than they know. Still, I am extremely proud of them all and excited for them to start the next chapters of their lives.

Evan Mitchell  
Guest Columnist



HIP HOP

BUT ALSO observations, rants, lists, thoughts, feelings, missed connections, haikus, confessions, furtive glances and, of course, sex.

Surprisingly sophisticated rap lyrics This week's best of Bandcamp

Okay, I get it. Rap really isn't what it used to be.

Lately, it seems like we've traded lyricism and honesty for bass-knocking beats and catchy hooks. The only songs that get airtime are the ones that were probably written and recorded all within 15 minutes, so rappers don't even have to put in any effort in order to be played on the radio, right?

Wrong. What appear to be mindless lyrics are actually well-crafted allusions and analogies that prove that rap may actually be more sophisticated than it was in the past. These six lyrics alone prove that there is still hope for people who have lost faith in the power of rap.

Or maybe I'm just reading too far into things. You decide:

1. "Versace, Versace, Versace / Versace, Versace." — Migos, "Versace ft. Drake"

The hook of "Versace" may seem like an asinine (and surprisingly catchy) repetition, but it's so much more. It's a reference to a well-known trend in ancient Greek poetry and literature: the invocation of the Muse. Migos is calling upon the inspirational powers of a clothing brand that none of us can afford in order to help them perform the song, a tactic that has allowed the rap group to skyrocket to the top of multiple year-end lists in 2013.

2. "Me and broke n\*\*\*\*s, we don't get along." — 2 Chainz, "I'm Different"

Just when you thought rap is no longer socially conscious, here comes 2 Chainz with his short but extremely effective reference to class-based struggles within the black community. How can we advance as a people when the members of the upper and lower classes can't even get along? We have to do better.

3. "The devil is a lie, b\*\*\*h, I'm the truth / The



COURTESY OF DEMXX VIA FLICKR

2 Chainz gets a lot of flack for his seemingly asinine rhymes, but they're actually laden with social commentary.

devil is a lie, b\*\*\*h I'm the proof." — Rick Ross, "Devil Is a Lie"

The complexity of these lines rivals that of Eliot's "Wasteland," but after much contemplation, I have Rozay all figured out. See, the first line gives the

4. "Starships were meant to fly." — Nicki Minaj, "Starships"

This single marked Nicki's groundbreaking crossover into the pop genre, as she briefly abandoned the typical hip hop beat for more of an electropop feel. Moreover, the song is revolutionary for shedding light on an event that no other artist was discussing at the time: the retirement of NASA's space shuttle program. For four decades we watched on as astronauts braved the dangerous conditions of space flight, but the program was just far too expensive. Regardless, Nicki's words encourage NASA fans that our country's return to space is inevitable and helps us look forward to a future of discovery.

5. "You know I'm a stoner I love drugs and I can't never be taken." — Young Thug, "Stoner"

This is frankly the most artful satirization of recreational drug use that I have ever heard. Young Thug takes on the persona of a stoner (because there's no way he abuses drugs himself!) to demonstrate that

marijuana use leads to the inability to remember the nuances of English grammar. The symbolism of the double negative and incorrect past participle can really send chills down your spine.

6. "N\*\*\*a, I ain't worried 'bout nothin'" — French Montana, "Ain't Worried 'Bout Nothin'"

Again, we see the unexpected power of the double negative in today's socially conscious rap. French is aware that the double negative implies a positive, and he's strategically using this to his advantage. It's not that he's not worried about anything, he's worried about everything: institutionalized racism, Russia's involvement in Ukraine, the subtle danger of paper cuts, the treatment of Bon Appétit workers, the list goes on. The poor man is so overcome with all of society's struggles that he tries to hide his grief within this Rico Love beat, but we can all hear his pain. That ad lib that French Montana is known for (the "haaaan" in the background of all of his songs) is actually him crying.

It's okay, French. It will all work out eventually.

Finding music on the Internet these days isn't that hard.

Besides iTunes, there is a plethora of online stores where one can purchase music. One of my favorite ones is Bandcamp, a website that allows musicians and labels to sell music, in both physical and digital formats, directly to their fans.

Not only can you play entire songs instead of those 90-second sam-

what hip-hop inspired beats (e.g. Flying Lotus) mixed with shoegaze sounded like? Then be sure to look into the latest EP released by this duo from Los Angeles.

While their first two EPs were recorded in a bedroom (which is hard to believe when you hear them), this new release involved studio time, helping Yourself in Peace to fine tune its sound and songwriting even more. The combination of

Alex Hurowitz Music Rx

guitar with the electronic instrumental-

tion meshes rather well, forming an interesting environment that still retains that organic feel of hand-played instruments.

3. *Cassette Demo #1* — eaglessadow

This demo by the experimental UK producer has some of the best soul, funk, jazz and blues-inspired beats around. While on the downtempo side of things, each song has its own particular groove.

"Jazz Sax," in particular, has a drum and bass combination that generates a modulating rhythm with a mellow synth progression to complement in the background.

4. *Solace* — Aether

Still staying on the subject of beats, this producer from Boston features some quality ambient and hip-hop inspired electronica. Aether's production is always on point, with some songs being reminiscent of old Boards of Canada material.

The lo-fi and muddy-sounding drum and bass progressions with dreamlike vocal and synth melodies give a sense of a nostalgia, despite the release being far from old. Any fans of Flying Lotus or anyone else on the Brainfeeder label should consider giving this release a listen.

Discovering Birroteca's tasty trattoria-style casual beer and bites

An old mill property sits along the Jones Falls River and railroad tracks; a gravel parking lot surrounds the establishment. Down the street, Taharka Brothers scoops out ice cream and Union Craft Brewing unites water, barley, hops and yeast. But inside this stone building, diners enjoy artisan pizzas topped with housemade cheeses and duck confit, octopus carpaccio and a beer list that speaks to the restaurant's name, Birroteca.

A play on the Italian word for "wine repository" — *enoteca* — Birroteca opened in the Fall of 2012 by owner Robbin Haas, named one of Food & Wine's 10 Best New Chefs in 1994, along with chef Cyrus Keefer. In 2013, David Rossi, a former chef at Mount Vernon's Sotto Sopra, took over Cyrus's executive chef position.

Birroteca is an easy drive from Hopkins and just a 10 minute walk from the Blue Jay Shuttle's

Hampden stop. The restaurant's menu focuses on good, unpretentious Italian food, but the beer list and artisan pizzas are what have defined its

Camille Tambunting A Bite of Baltimore

success. The sitting room lends to a more formal atmosphere, but the bar's seating area is casual and neighborly, aptly reflecting Birroteca's attitude about food: friendly people making simple, good and conscientious meals.

Haas and Rossie are making simple, classic food with a respectful and innovative approach toward ingredients.

friend and I squeezed into the last two seats at the bar.

We ordered the Steak Tartar (\$12) as an appetizer and the Duck Duck Goose (\$17), a wood-fired pizza topped with duck confit, fig-onion jam, balsamic, fontina and asiago cheese and a duck egg. One of the happy hour

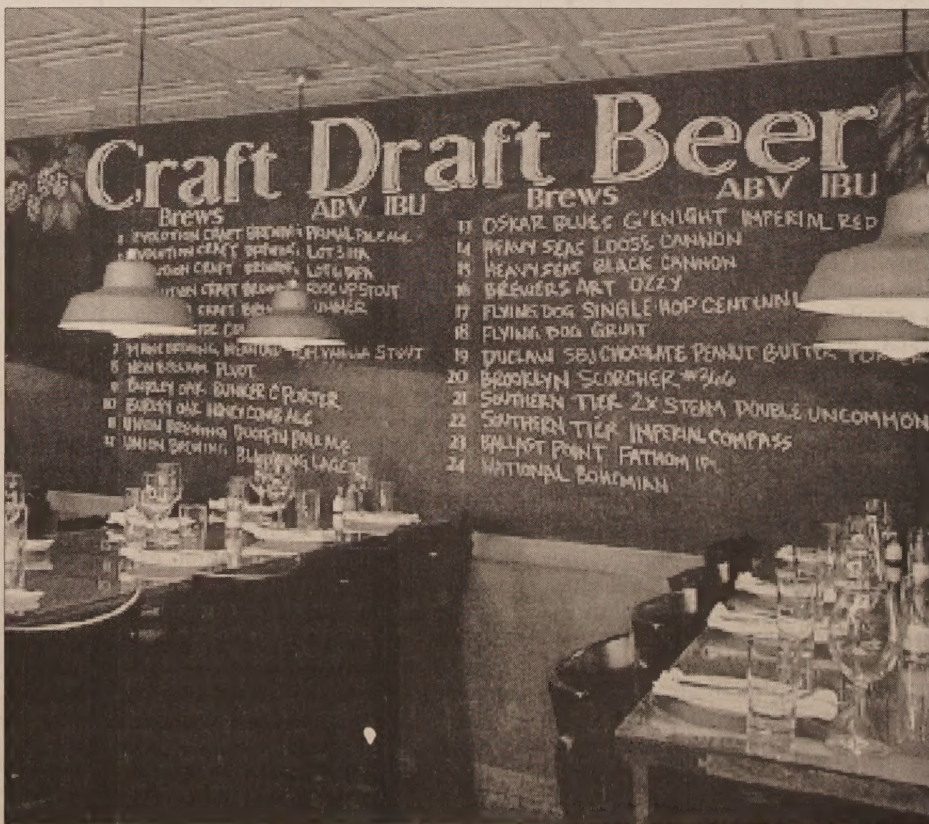
draft beers that night was Evolution Craft's Rise Up Stout, a beer cold steeped with

Rise Up Coffee. It was fun to see an Easton coffee

company make its way to the tap of one of Baltimore's best new restaurants. There were also 24 beers on tap and over 20 bottled beers (They even sell growlers!).

The Steak Tartar wasn't as finely minced as it usually is, but I appreciated how Birroteca's approach felt heartier and, well, beefier.

There was a spoonful too many capers in the tartar, and although the bread served with it was warm, I wanted a crispy crostini to accompany it. Still, what set the plate apart from a normal steak tartar was its salsa verde. Pureed, smooth and herbaceous, the sauce had an exotic element to it



COURTESY OF THOMAS CIZAUSKAS VIA FLICKR

Birroteca's vast beer selection adds to its authenticity as a trattoria-style restaurant while still keeping it casual.

(maybe galangal?) that I couldn't discern but that gave the dish depth.

The pizza came out topped with a generous amount of duck confit and a sunny-side-up egg. The crust had just the right amount of chew, and the bottom was crisp from the wood-fired oven; however, the egg on top was cooked

too long and overall, the pizza leaned on the sweet side.

The pizza could benefit from a saltier, stronger cheese, or perhaps a runny yolk would have made it more savory. Although these changes would have put it over the top, we still ate and savored every last crumb.

Haas and Rossie are making simple, classic food with a respectful and innovative approach toward ingredients. I'll definitely be back — and definitely be sure to make a reservation this time — if not to try more of their pizzas then to explore the rest of their trattoria-style menu.



THE JOHNS HOPKINS

NEWS-LETTER

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

Editorial

Women’s Summit gives insight

This past Saturday, five successful female leaders affiliated with Hopkins came to Homewood to share their wisdom, insight and advice with Hopkins’ female student body. Organized by the newly founded, eight-member undergraduate group Women’s Initiative for Social Equity (WISE), the event featured lawyer-turned-broadcast-journalist and NBC 10 Philadelphia news anchor Renee Chenault-Fattah as the keynote speaker. Chenault-Fattah, a 1979 Hopkins graduate, was followed by Mindy Farber (Class of ’74), Joanne Leedom-Ackerman (Board of Trustees member) and Sarah Hemminger (BME PhD from Whiting) at the speaking podium. Before lunch, the 60 or so attendees were partnered with alumnae, faculty and WISE board members and given the opportunity to discuss issues faced by working women in a one-on-one conversation. WISE plans to host similar events moving forward, including a speaker series this fall and an informational meet-and-greet on March 31.

The Editorial Board applauds WISE, the five Hopkins-affiliated female leaders, the 60 student attendees and everyone else involved in this event for their participation, hard work and concern for social progress. The Editorial Board would remind the Hopkins community

that it was but 44 brief years ago when female undergraduates were prohibited from enrolling at Hopkins. Comparing this brief timeline with how impressively women are thriving on campus today, it is clear that immense progress has been made in a very short period of time. Those heroic women who were able to succeed at Hopkins and beyond even in the ’70s are remarkable for their bravery, drive, talent and willpower. When they returned this weekend, we have little doubt they were proud of the progress Hopkins has made since then.

We have even less doubt, however, that there remains an extremely long way to go. Women in this country face a greater array of disadvantages than we can enumerate in one editorial — to make no mention of the horrendous inequalities women face across the globe. Unfortunately, Hopkins itself is no exception to these troubling trends. At the student level, rape and sexual assault remain massive problems at college campuses in particular. The Board calls upon the University to give more than lip service to female equality, in the hope that when this year’s female graduates return to campus many years from now after rewarding leadership careers, they will have a more rapid pace of progress to celebrate.



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

LETTERS POLICY

The Johns Hopkins News-Letter welcomes letters to the editor. Letters must be e-mailed to [chiefs@jhunewsletter.com](mailto:chiefs@jhunewsletter.com) for inclusion in a Thursday issue. All letters received become property of The News-Letter. The News-Letter reserves the right to edit for space, grammar and clarity. Letters must include contact information and cannot be anonymous. The News-Letter reserves the right to limit the number of letters printed.

Class provides practical skill set

The Editorial Board commends the University and the Krieger School of Arts and Sciences for developing and promoting the course “U.S. Intelligence Community: Theory and Practice.” We feel that it is vitally important that students at Hopkins expose themselves to environments that are highly similar to actual workplace situations. This course achieves this critical characteristic by transcending the usual discussion based style of learning to reinforce critical thinking skills through impromptu exercises that require intense focus and teamwork.

Many times the mundane aspects associated with university courses blind students from recognizing the pressing situational demands that the real world environment requires of them. Rather, it is not usually that students become too acclimated to problem solving methods that don’t challenge them to explore undiscovered abilities. Further, it is crucial that students pursue collaboration with colleagues when faced with an

acute problem and the importance of drawing on the diverse set of talents that comprise a team. This class accomplishes this by requiring their students to develop strategic plans in a very limited amount of time.

More importantly, having the ability to intake significant amounts of information quickly with a high level of comprehension and then immediately evaluate it to fit the task at hand is a skill that can only be learned through rigorous practice. While a typical classroom environment can facilitate the development of such skills throughout engaging discussions and difficult assignments, it nonetheless lacks the real time pressures that this course exposes its students to.

The Editorial Board hopes that the University takes the initiative to encourage the offering of more courses similar to this one. It is only through intense academic exercises coupled with rigorous application that a student can develop the set of skills necessary to thrive in the real world.

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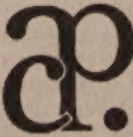
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# OPINIONS

*With the exception of editorials, the opinions expressed here are those of the contributors. They are not necessarily those of The Johns Hopkins News-Letter.*

## The global geopolitical ramifications of Ukraine's domestic unrest

By ALI DELEN

The domestic issues of Ukraine have rapidly escalated over the past few weeks. What outwardly seemed like protests over domestic affairs have boiled over into an international crisis that has reanimated the specter of the Cold War. Given Ukraine's geopolitically invaluable position, its domestic plight has attracted multiple international actors. While Ukraine's potentially fatal domestic problems run all the way to the young nation's core, they are beginning to play second fiddle to the foreboding rumblings of Cold War era tensions as the West and Russia confront each other once more. For Putin, Ukraine would be another step towards his dream of a Russia restored to its former Soviet glory, so if the West truly intends to wrest control of Ukraine it will have to fight an uphill battle against an entrenched Russian regime.

Ukraine lies at the heart of Putin's fantasy of a reunited Soviet empire, an elusive dream he has been pursuing since he first rose to power. Ukraine has been subject to Russian domination for nearly 300 years and compounded with Putin's aspirations, it is unlikely that the Kremlin will allow Ukraine to leave its sphere of influence without a bitter fight. Besides its political importance, Ukraine is also geographically strategic to Russia's national security. Ukraine's landscape is crisscrossed with tens of thousands of miles of pipelines that Russia depends on to get its natural gas to Europe. The modern Russian Federation was built on petrodollars, and these natural energy reserves and transport lines are the source of Russia's wealth. Ukraine is also strategic in that it is home to Russia's Black Sea fleet at Sevastopol. Furthermore, he last thing the Kremlin wants is another NATO backed nation on its doorstep, especially in a region long considered a bastion of Russian influence.

The West, for its part, cannot allow Russian aggression to go unmatched. The Obama administration, already under bipartisan fire for a weak foreign policy and facing looming foreign policy challenges, cannot allow the United States to be characterized as meek. Critics and allies alike have not forgotten Obama "urging restraint" in Iran, Tunisia, Bahrain and Syria to no avail. Nor have they forgotten how Netanyahu continued to build settlements, Kim Jong-Un maintained his missile development, Al-Assad did not abdicate power, Al-Maliki followed through with the arms deal with Iran, and Karzai refused to sign the bilateral security agreement with the U.S. All of this in spite of vigorous protestations from the Obama administra-

tions. With territorial conflicts in the South China Sea seeming more and more likely, Obama's reaction to Russia's challenge will set the precedent and allow other nations to gauge how far they can go without provoking the United States. It is also a stated policy of the US to resist the formation of an international organization resembling the Soviet Union. A Western victory in Ukraine would be a major step toward realizing that goal. For the West as a whole, not defending Ukraine in the face of unwarranted aggression and breach of sovereignty would cast doubt on its commitment to noble values such as human rights, democracy, and sovereignty. At a moment when Western leadership in the world is increasingly under question, the situation in Ukraine is a crisis the West cannot afford to mishandle.

Despite these reasons, a concerted front against Russia will be difficult to form considering it would primarily depend on economic measures to pressure Russia into complying with international law. Economic sanctions, however, are a two-way road in a globalized and interconnected world. Europe is nearly as dependent on energy imports as Russia is on energy exports. Europe would be reluctant to do anything that might affect the flow of natural gas from Russia especially given the precarious economic situation it now finds itself in. Even relatively slight price fluctuations could introduce tremendous volatility in European markets. Across the Atlantic, Obama would also be hesitant to endanger US economic growth in a fragile world market he has struggled hard to revive. For these sanctions to be effective in any capacity they would need to be comprehensive and hit Russia where it hurts most, in its energy sector. This is virtually impossible given that China is not onboard with any economic sanctions, the United Nations would never pass any measure against Russia given Russia's veto power, Europe is dangerously dependent on gas imports from Russia, and US sanctions would be half hearted at best given the domestic social and political environment. Outside of economic sanctions, the West is left with little: empty rhetoric, which the West has dispensed in copious amounts, and symbolic gestures of disapproval, such as the boycott of the upcoming G-8 summit (the 2012 meeting for which Putin didn't even bother to attend).

To further complicate matters for the West, any action it takes against the Russian Federation will be met with Russian counterattacks on other fronts. Historically, this has been Putin's modus operandi. If the West hopes to find diplomatic solutions to

Syria and Iran, it will need Russia's cooperation — something it is unlikely to receive if it pursues its current course of action.

While this crisis has hurt Russia economically in the form of increased capital flight and a volatile stock market that has seen significant losses, the true price Russia will pay is geopolitical. Already Poland, Hungary and the Czech Republic have called emergency NATO meetings in response to Russian troop movements. Relations with these Eastern European nations, which were on the upswing, have suffered greatly. China and Turkey, too, have become wary of Putin's Russia. Worst of all for Putin, however, is the hastened evaporation of his neo-USSR ambitions. A new era in Russian history that harkens back to the days of the Soviet Union cannot be inaugurated without Ukraine, which has traditionally been integral to any such federation. In that respect, Putin's actions have been ruinous. Ukrainians will not soon forget Russia's actions in the Crimea, and time is not on Putin's side if he still wishes to pursue his dream of the Eurasianist System, a conglomeration of the former Soviet Republics. The last vestiges of the Soviet era that made such a notion possible are quickly dissolving.

Should Russia manage to hold onto its gains in the Crimea, it will face yet another daunting proposition: having to deal with a 15 percent Muslim Tatar population inimical to Russian domination. The Crimean Tatars have connections to the insurgents Russia is already fighting in the North Caucasus. Russia's expansion would doubtless be met with redoubled insurgent activity. Despite what's at stake for the two opposing blocs, the West and Russia, there remain Ukraine's internal problems. Regardless of whether the final Ukrainian government is pro-West or pro-Russia, the favored side will have to take on the massive burden of bailing out and then rebuilding the Ukrainian economy. Such an undertaking would be a difficult proposition for a Europe still struggling with its own finances, a United States that now seems to balk at commitment abroad, or a Russian Federation that is hemorrhaging economically as corporate leaders transfer billions of dollars from domestic companies to foreign accounts.

The fight for Ukraine is far from decided and it is hard to see a resolution that will leave either side better off. What is certain, however, is that what happens in Eastern Europe in the coming weeks will have far reaching and long lasting geopolitical ramifications for the globe.

Ali Delen is a freshman from Woodstock, Md. He is majoring in International Studies.

## Blue Jays to Big Dance: The Case for Division I Basketball at Hopkins

By MATT PECK

We all know that Hopkins is a great school. Elite rankings for both its undergraduate and graduate schools, as well as for its medical school, demonstrate that Hopkins offers its students the academic resources they need to succeed. Despite these great accomplishments, Hopkins can still aim higher. But so close to the summit of the academic world, it can be difficult to invent ways to do so; in this situation, it is likely a new engine is needed to make another push. If Hopkins would like to benefit its student body, increase the number of applicants and alumni giving, and do so in a comparatively cost-effective manner, the upgrade to a Division I basketball program is a highly appealing option.

Most clearly, a Division I basketball team provides experiences to students that are simply not currently available to Hopkins students. However, as February turns to March, a missing component of any great university will become glaringly obvious. March will come and go, but the campus will remain perfectly tranquil.

Division I collegiate basketball, to Hopkins students, is something that happens far away. It is something for other students of other colleges, not for them. Division I basketball is a magnificent and uniquely American phenomena that should not be missed. Our great university would be wrong to continue to miss it.

A university benefits itself by benefiting the student body; in few situations is this truer than in the case of upgrading to a Division I basketball team. Increasing a university's visibility through Division I basketball results in increased numbers of applications, which, depending on how the University uses these applicants, results in either increased enrollment, increased academic standards for entry or both. Reminding alumni of their university through athletics also can increase alumni giving to the university. An excellent example of this is Butler University. In the late 1980's Butler University was having difficulty filling classroom seats and balancing the budget. Through investment in their basketball team, Butler was able to turn itself around, using the increased applications and alumni giving that resulted from success on the court. In fact, from 2010 to 2012, Butler experienced an increase

of 40 percent in applications. This all in a context where Butler had to compete with three major collegiate basketball programs in the same state as well as a professional team in the same city. Surely, Hopkins could reap similar benefits.

Oftentimes, great things come with great obstacles. The road to a Division I basketball team would not be easy; however, there are many factors that make it somewhat easier for Hopkins. The addition of a Division I basketball team would only result in a maximum addition of 13 athletic scholarships, which is approximately the same number allowed for Division I lacrosse. Additionally, there is potential for a large local market for basketball. As of 2010, Baltimore is the 26th largest city in the U.S. It is also the largest city that has neither a professional basketball team nor a significant college basketball team. Without significant local competition, a Division I Hopkins basketball team could generate substantial revenue. Lastly, Hopkins' admission into the Big Ten offers the school unique opportunities concerning basketball. Conference realignment is over, but athletic conferences are sure to continue looking for sources of revenue, and few conferences understand the value of collegiate basketball better than the Big Ten, currently considered the nation's premier basketball conference. If the intention to create a premier basketball program in Baltimore were voiced to the Big Ten, it is likely Hopkins would find a friendly ear, especially considering the move would bring another basketball program and an in-state rivalry in the key East Coast region to the ever expansionist Big Ten.

Basketball is the second most popular sport in the country as well as the second most popular collegiate sport and a highly profitable business. Taking part in this sport at its highest collegiate level could prove incredibly beneficial. There is nothing wrong with the status quo at Hopkins. However, I do not believe that this university has come so far by contenting itself with success. Progress is not made by playing it safe and being satisfied with the triumphs of yesterday. Rather, success has been achieved by striving for greater triumphs into uncomfortable new areas. A Division I basketball team is the next step for Hopkins.

Matt Peck is a junior majoring in Molecular and Cellular Biology from West Lafayette, Ind.

## More than just the money: Health care reform in the US should address quality

By CARISSA ZUKOWSKI

Have you ever watched a movie and thought, "Wow, this is a terribly inaccurate representation of what really goes on in the world?" The other night when watching an independent film directed by Lance Daly, called *The Good Doctor* (2011), I had to ask myself not if the film was a dramatized version of how hospitals really work, but rather to what extent was it fictionalized.

Unfortunately, I was mistaken — many of the scenes do in fact reflect the harsh realities of hospitals in the United States. The protagonist, Dr. Martin Blake, played by Orlando Bloom, is an ambitious resident specializing in internal medicine, and the dark film exposes his unprofessional exploits of a patient in order to satiate his need to take care of her. Clearly Daly not only exposes the threat of malpractice and ethical violations, but he also includes less obvious flaws in the health-care system. Within 10 minutes of the film, Daly brings up issues concerning professional relationships between nurses and doctors, language barriers, patient

safety and ego. He even goes so far as to directly address the question: Why do you want to become a doctor? While this film is a complete work of fiction, there are many ugly truths within its plot.

It is no surprise that the recent fiscal crisis has left the United States up in arms about government spending and tax policies. In 2012, the United States spent about 17.2 percent of the GDP on health care costs, amounting to about \$2.8 trillion, as reported by Health Affairs. There has been a decrease in the rise of health care costs since 2000, but our health care system in the United States remains a hot topic for many individuals and companies.

Many are aware of the passing of the Affordable Care Act (ACA), signed by President Obama on March 23, 2010. This legislation implements the individual mandate, employer mandate and attempts to encapsulate more of the middle class in the Medicaid program. In the news, we hear numbers and trajectories thrown around. But throughout the efforts of our nation's health care reform, it is the culture of medicine that seems to be getting the short end of the stick. We need to focus on closing the gap between rising health care costs

and the quality of care not just by lowering costs but also by raising the quality.

As crucial as reforming the economic side of the care is, it is not enough to simply make health care more affordable. Quality of care must increase. The news does not report, to the same extent, on the Affordable Care Act's implementation of medical homes or of new patient safety regulations, instead focusing on the politics of what is going on in Washington D.C. To the lay citizen, this is a fight between politicians over numbers, when in actuality, it also includes hospital administrative staff, physicians, nurses, technicians, insurance companies and most importantly, patients.

Referring back to the movie *The Good Doctor*, the opening scene introduced Dr. Blake as a resident on the fast track to an infectious disease fellowship. He had a patient who did not speak English, so instead of using a translator, he simply used hand gestures to do the initial examination and diagnosis consultation. He failed to connect with the patient, but even on a more basic level, he failed to get his allergies and history. His patient then experienced what appeared to be an allergic reaction

to penicillin (although later, we in fact find that there was another drug that he was allergic to that a nurse gave him due to human error).

This makes for good Hollywood, but unfortunately, it's all too real. According to the IOM's report "To Err is Human," approximately 100,000 deaths in hospitals are due to human error. This statistic is disturbing. Hospitals should be working towards eliminating human error and its effect on patient outcomes. A system of efficient communication needs to be implemented in hospitals. This system, many have suggested, could arrive in the form of a medical home, which would create a care-coordinated system to decrease cost of care and increase efficiency, both for the patient and for health care professionals.

The media should focus less on the political scandal of health care reform and work towards uniting the two parties with the goal to increase the quality of care we receive and to decrease the inefficient costs for all patients. While the ACA is not a solution to America's health care disparities, it is an effort put forth by the Obama administration to target small issues of the health care

system. There is no be-all-end-all program. There is no quick fix.

While an oversimplification, the goal to "fix" the health care system by trying to make it more affordable is naive. Health care is a good or service that exists in a capitalist market, which will drive competition for both consumers and producers. That being said, the government should shift its focus to improving the existing health care system by improving the quality of care by raising the standards for hospitals. There should be legislation with the intention to decrease human error and improve patient outcomes. Of course, the financial aspect of health care should not be completely disregarded, but instead of focusing so much on lowering the prices, why not provide incentive for health insurance by raising the quality of the good being offered? With a concerted nudge in both directions, hopefully the market will reach an equilibrium where the costs of health care coincide with the quality of care we receive.

Carissa Zukowski is a freshman from Baltimore, Md. She has not yet decided what to major in. She is an Opinions Staff Writer for *The News-letter*.



# PHOTO ESSAY

## News-Letter Bananas





# THE B SECTION

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Your Weekend • Arts & Entertainment • Cartoons, Etc. • Science & Technology • Sports

MARCH 13, 2014



## Arts & Entertainment

New episode of *Suits* disappoints — B3

Japanese ceramics exhibit opens — B3

*Thor 2: The Dark World* does poorly — B4



## Science & Technology

NASA discovers 715 new planets — B7

CarPlay lets you use Siri in your car — B7

Homophobic people may die earlier — B9



## Sports

Track and Field athletes qualify for tournament — B11

Baseball wins two doubleheaders — B11

Men's lacrosse team remains undefeated — B12



# YOUR WEEKEND MARCH 13-23

## Last-minute break adventures

By **SOOEAN CHIN**  
Your Weekend Columnist

One thing that midterms never fail to remind us of is that at least spring break is steadily approaching. And in regards to break plans, students seem to find a multiplicity of things to do, from overseas adventures to Netflix. As for me, I think the bigger the better: We should really take advantage of this weeklong hiatus from the never ending sequence of classes, library, sleep and classes. Home hardly sounds like an exciting way to pass the week. So those of you who have been procrastinating on spring break plans because the only free time you've had is getting coffee between classes, hopefully I can help.

For the ones who are ready to splurge on a trip, I would recommend *StudentCity.com* as a relatively affordable, inclusive package plan with plenty of options for nightlife and music festivals. The website offers deals for accessible, domestic places to relax such as Miami as well as more exotic travel

destinations such as Cancun. StudentCity serves as a popular option for many students, and the information about StudentCity is widely dispersed. Options might be more expensive closer to the date, but for the last minute planner, it doesn't hurt to at least look for possible travel options.

If the Student City's \$1500 to \$2000+ expenditure sounds out of budget, there are many fun places to travel to via Amtrak and the Marc train from Baltimore, that is friendlier on the wallet. Train travels can also be either day trips or weekend stays. Washington D.C., Boston and New York always serve as good destinations for these options. But try to purchase tickets as soon as possible as they can run up to \$60 round trip for late purchasers.

If you want to save even more money, the Greyhound and Bolt Bus are alternative and reliable ways to travel that, at around \$30 round trip, are even cheaper than train tickets.

For the student who doesn't necessarily have a family or friends' place to crash in the nearby cities but

doesn't feel up to spending travel money to go for a day trip, there are still options available for adventure in Baltimore's various neighborhoods. This is the most affordable and convenient option.

For daytime plans, Fowson and the Inner Harbor have many shops and restaurants that you can visit to treat yourself. Hampden also has vintage options for the artsy and the curious. The Walter's Museum is an excellent way to pass the time, and the mise-en-scene of the museum and its works are mind-bogglingly incredible. (I recommend you check out the Constellations Nights that they have on Thursdays.) For the nighttime plans, check out The Get Down for some clubbing fun or the Rainbow Room for karaoke night.

No matter what you do during the break, whether you are staying, have adventures planned or just going home to eat some of your mom's cooking, stay safe and have fun. We all deserve this weeklong break.



COURTESY OF SEOUL SPA USA VIA FACEBOOK

An interior shot of Seoul Spa shows one of the spa's relaxing hot tubs, located in gender-neutral bathhouses.

## The Korean sauna experience

By **CAMILLE KO**  
Your Weekend Columnist

For those staying in Baltimore (myself included), spring break offers a chance to explore the city. I plan to check out the little-known, hidden Seoul Spa.

Places like Seoul Spa are rare to find. It's a type of Korean sauna called a jjimjilbang that includes two gender-segregated bathhouses. In another area of the jjimjilbang, people can enter a large common room where, after the men and women have separately washed up and put on their spa-issued clothes, everyone can relax and talk together. Jjimjilbangs are more than just spas; they are also unique aspects of Korean tradition, emphasizing the cultural belief in physical balance and mental tranquility.

Despite their popularity in Korea, jjimjilbangs have yet to really catch on in the U.S. because of a little, teeny, minor awkward detail.

You have to be completely naked in the bathhouse.

That's right. Completely naked. No swimsuits, no undergarments. . nothing. The only thing you have to

cover yourself with is a towel that is so small that it utterly fails to hide anything. Though these policies are for sanitation purposes, and you're only naked while in the gender segregated bathhouses, the idea of being nude in front of a bunch of strangers isn't exactly appealing to most. The first time I went to a jjimjilbang, I was so mortified that I dodged behind towel racks.

Of course, after I began bringing my own big towels to cover up, my embarrassment stopped being an issue. And while the naked requirement might seem mortifying, the fresh, rested and rejuvenated feeling that you'll get far outweighs any discomfort.

In its gender-separate bathhouses, Seoul Spa has three hot tubs: one hot, one cold and one lukewarm tea bath. The herbal tea helps heal skin damaged by UV rays. There are also two saunas — one humid and one dry — and showers that provide shampoo, conditioner and body wash. After you've finished washing up, you can store your belongings into lockers and put on temporary clothes. In the common area, there's a

heated floor made of jade for people to lounge and nap.

My favorite part of jjimjilbangs, however, are the poultice rooms. These rooms have walls made of various natural earth elements that, when heated, promote physical wellbeing and healing as well as mental relaxation and calmness. Seoul Spa has poultice rooms made with Himalayan salt, jewels of amethyst and quartz, wood charcoal, terracotta and ice. The health benefits range from expelling toxins, improving sleep, better blood circulation, promoting cell regeneration and reducing signs of aging.

Seoul Spa is on the cheaper end of most jjimjilbangs (though as a college student, the price is still fairly steep). For \$30, you can spend the entire day at the spa. Other places range from \$40 to \$60. Seoul Spa is open for 24 hours on weekdays and from 8 a.m. to midnight on weekends.

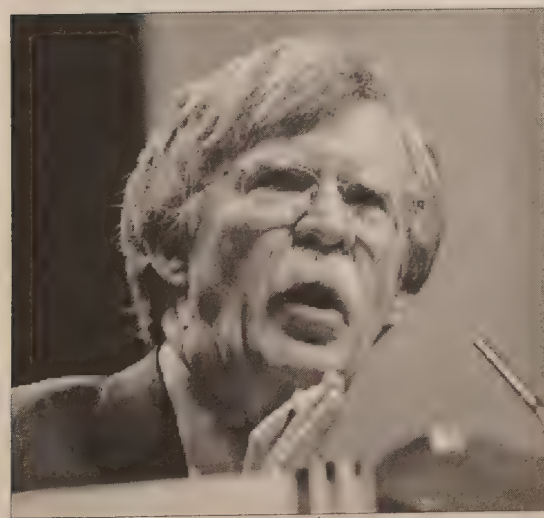
While it may be a bit of a foreign experience, Seoul Spa is definitely an adventure worth trying. If you're willing to go out of your comfort zone, I promise it will be worth it.



COURTESY OF ELVERT BARNES VIA FACEBOOK

Baltimore's beautiful Penn Station is the central hub for many different vacation destinations by train.

## Noteworthy Events



GAGE SKIDMORE VIA FLICKR

John Bolton speaks at the Conservative Political Action Conference.

**JHU Foreign Affairs Symposium:**  
**John Bolton**  
8 p.m.  
Thursday March 13  
Shriver Hall

Former U.S. ambassador to the United Nations, John Bolton, will speak in Shriver Hall this Thursday. Doors open at 7:30 p.m. Admission is free to the public. Following the speech, College Republicans will host a reception catered by Charm City Cupcakes. Bolton was appointed ambassador in 2005 and served until his resignation in 2006. His appearance is part of the Foreign Affairs Symposium's 2014 series, "Confronting Global Dissonance: The Balance Between Realism and Idealism."

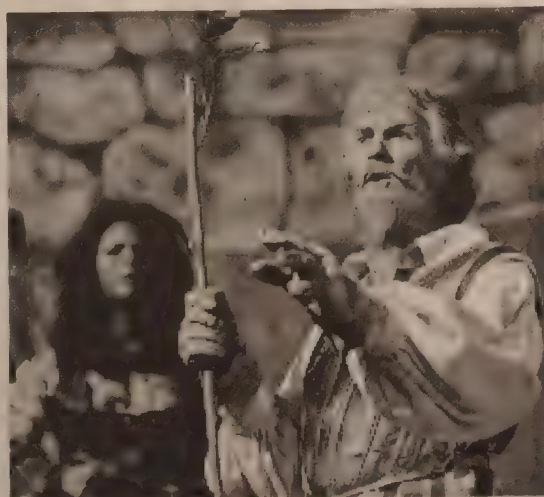
### Man of La Mancha

7:30 p.m., 2 p.m.

Friday March 14 - Saturday March 15

The Lyric

Come enjoy this classic, Tony-award winning musical based on the beloved story of Don Quixote. The musical follows a failed author-soldier-actor and tax collector who renames himself Don Quixote when he loses his mind and believes himself to be a knight. He and his manservant, Sancho Panza, go on various adventures in pursuit of Quixote's dreams and delusions. Tickets range from \$49-\$69. Only three showings will be held at the Lyric: one this Friday at 7:30 p.m. and two on Saturday at 2 p.m. and again at 7:30 p.m.



FAMILYMWR VIA FLICKR

The popular musical is performed by many other theater groups.



WONDERLANE VIA FLICKR

Paul Simon and Sting perform (left); Charm City Cakes exterior (right)



BEERANDBOURBON.COM

Beer, Bourbon & BBQ Festival (left); TSA's Night Market (right)



TSA VIA FACEBOOK

## Calendar

**3/13** Paul Simon & Sting (Verizon Center)

**3/14** Pi(e) Day (Maryland Science Center)

**3/15** Cake Workshops (Charm City Cakes)

**3/16** Concert Series: Scharoun Ensemble Berlin (Shriver Hall)

**3/21** Beer, Bourbon & BBQ Festival (Maryland State Fairgrounds)

The Homo Poe Show (Baltimore Theatre Project)

**3/22** TSA's Night Market (Charlottesville Amphitheatre)



# ARTS & ENTERTAINMENT

## Buttered Niblets improvise in Arellano

By ALLI GRECO  
Arts and Entertainment Editor

On March 7 in the Arellano Theater, Hopkins' improv comedy group, the Buttered Niblets, put on a show entitled "Zombie Apocalypse." The show provided the student body with an hour-long, laughter-filled respite from midterm exams and writing essays during hell week.

In the end, the "Zombie Apocalypse" did not really center on zombies, per se, but the random and funny name spoke to the total randomness of the show. The audience just "went with the flow" and enjoyed the utter hilarity that ensued and the group members' improvisational talent.

When the show started, the members mentioned that they would take audience suggestions for skits throughout the show. In addition to picking out ideas written down by the audience before the beginning, they also mentioned that additional idea requests might also be made during the show.

"We might ask you for suggestions. Please keep them out of the gutter and

out of the headlines," they said.

Although a lot of contemporary comedy is based on sexual content and leading news stories, the Buttered Niblets' comedy was brilliant in its flatout goofiness. The randomness and odd uniqueness of the audience suggestions made



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR  
The Buttered Niblets worked with topics such as dinosaurs and pizza.

for the best skits.

The Buttered Niblets asked people to yell out nouns, adjectives and verbs to be the core of one skit. The final product: boulder, smelly, cartwheel. The comedians incorporated all three into a skit set in a girls' dormitory bathroom.

For instance, some cartwheeled their way into the scene, while others exited by curling up on the stage floor and rolling away like a boulder. True to the comedic form of 1970s British comedy troupe, Monty Python, the best way to understand the Buttered Niblets' comedy in this show

attitude and "bragging rights" as dance champion intimidated and ultimately dominated all of her competitors. Queen Katrina's intensity about her so-called "title" easily overpowered other characters at the arcade, such as an awkwardly sweet boy out with a girl on their first date.

The last two skits challenged the Buttered Niblets to seamlessly transition from one scene to another. One called for the characters to adapt their dialogue and behavior from a desert setting then to the Medieval era and finally to the Ice Age. Their acting looked effortless to the audience, but the difficulty in pulling something that off in a crowded room had to have been an obstacle to push through. Given its reaction, the audience greatly appreciated the Buttered Niblets' talent across the board.

They certainly finished strong with a similar skit wherein the object was that all of the characters had to die by the end of three audience-suggested settings. The actors ingeniously and hilariously figured out outlandish ways to die in a library, museum and pillow factory.

By this time, Arellano was booming with laughter. In fact, some audience members were nearly in tears or falling out of their seats because they were laughing so hard. The "Zombie Apocalypse" certainly came at a good time for Hopkins students; with all of the academic stress leading right up to the start of spring break, the Buttered Niblets proved that sometimes, the best cure is just to get out of the dorm room, gather up a group of friends and have a good laugh.

In the same footsteps as the skit before it, the next one featured the illustrious Queen Katrina of the Dance Floor, a sassy, reigning, arcade dance champion whose haughty

## Walters Museum presents modern Japanese ceramics

By RACHEL SCHNALZER  
For The News-Letter

From the start, *Designed for Flowers: Contemporary Japanese Ceramics*, the newly completed exhibition at the Walters Art Museum in Mount Vernon, immediately draws visitors in with its fresh, innovative design and stunning pieces of artwork.

The ceramic vessels displayed in the exhibition possess a rare subtlety that nevertheless commands attention, even within large spaces. There is an undeniable power latent in the *Designed for Flowers* exhibition that is delightfully complex but accessible to even the rookie art appreciator.

In summary, *Designed for Flowers: Contemporary Japanese Ceramics* showcases a wide variety of vessels created with the art of ikebana flower arranging in mind.

"With designs linked to long-standing Japanese traditions and contemporary artistic expression, the exhibition celebrates the works of many of Japan's greatest living ceramic artists," Robert Mintz, chief curator and Mr. and Mrs. Thomas Quincy Scott Curator of Asian Art at the Walters, said.

"Comprised almost exclusively of vases drawn from the Betsy and Robert Feinberg Collection, the exhibition explores the ways contemporary ceramic artists have met the challenge of producing vessels as supports for flowers," he added.

The exhibition showcases a stunning range of vases, varying from one another dramatically in form, shape, texture and color. The first piece visitors see is *Hōgo 2010-1*, a stoneware vessel by Fujino Sachiko, which singlehandedly sets the tone of *Designed for Flowers*.

With its layered top and rough surface, this is not the average vase; it contains much more detail than initially meets the eye.

Upon closer examination, the rough surface, indeed, includes a subtle hint of sparkle — not anything overwhelming but just a glint of light, depending on the angle from which it is observed.

*Noboro ki (Rising Air)* by Miyashita Zenji is another notable piece of stoneware in the exhibition but catches visitors' eyes for very different reasons. The vessel is painted with shades of blue, beginning at the bottom with deep navy and ending at the top in bluish-white.

This ascension of color reminds one of a mountainous landscape fading into sky. Zenji's use of curved lines around the vessel further encourages this comparison, almost as if to signify mountains and valleys around the circumference of the piece.

*Designed for Flowers* ends on a lively note with *Yōsai tsubo "kōga,"* (also known as "Galaxy") a brilliant, glazed jar created by Tokuda Yasokichi III. This porcelain, circular piece is glazed with a vibrant royal blue, with

SEE CERAMICS, PAGE B4

## Suits disappoints with lukewarm new episode

By AUBREY ALMANZA  
Arts and Entertainment Editor

After postponing a long awaited 2014 premiere, USA finally continued the third season of *Suits* on March 6. Devoted fans tuned into "Buried Secrets," eager to know whether or not Louis would uncover Mike's secret and Harvey would take his fluctuating relationship with Scottie to the next level. Unfortunately, the season premiere made little to no development in either area and suggests that season four will continue to drag out these recurring issues.

By the end of season three, Rachel turns down Stanford to instead pursue a law degree at Columbia. Harvey finally decides that he wants Scottie "in his life" — surely not the most romantic of declarations, but it is a big step for New York's top-dog. After rotating three partners in only two years, Jessica still has her name on the door, and Pearson-Spector is for once enjoying executive stability. Donna has returned to the office and is again keeping Harvey's life in order as a loyal legal assistant. Even Louis, the office rat, found tenderness in his

"professional, meticulous and wonderfully anal" lover, Sheila. Life seemed to be smooth sailing for the leading players of New York's premiere law firm.

Unfortunately, Louis came dangerously close to connecting the dots and discovering Mike's secret, double life. Viewers were left questioning: Will Louis find out that Mike is duplicitous? Would Lit dare expose Harvey's protegee associate to the company? Are the firm's power dynamics at stake? Season two ends on this cliffhanger, leaving *Suits* fans desperate for answers and fearing the worst.

Instead of cutting to the action, however, "Buried Secrets" follows Lit as the mysterious conundrum continues to burn a hole in his brain. Louis decides against approaching Sheila or Mike directly. With nothing more than a clue on Mike's fraudulent transcript and gut instinct, Louis believes he's uncovered the ultimate scandal; and, knowing Louis, action must be taken to right the firm.

Though he's fully consumed by the enigma, Louis' potential disclosure seems pretty insipid

SEE SUITS, PAGE B5

## Delve into the lives of television characters

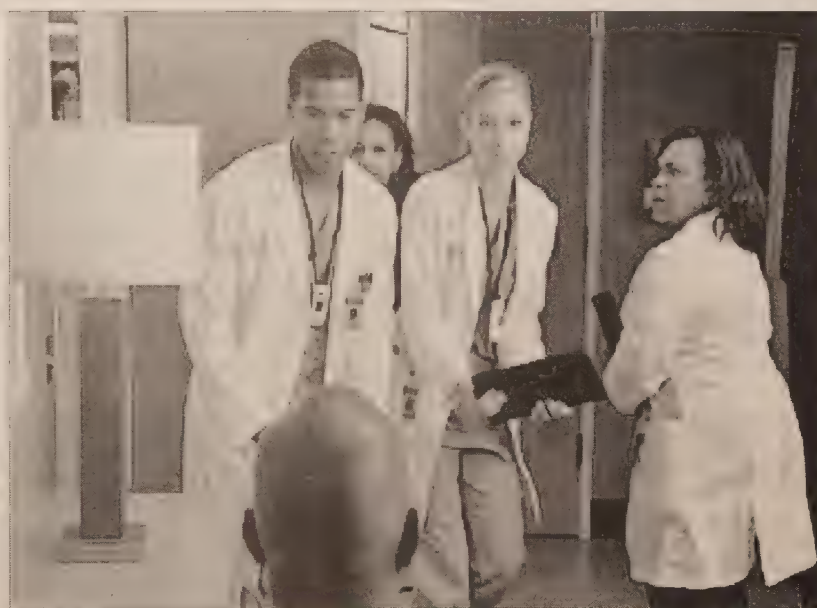
I'm the type of person who has an incessant need to know about anything and everything that's happening in the world. I constantly read the news and listen to new music releases and attempt to stay as up to date on pop culture as possible. This means that I also try to watch as much TV as I can. When I tell people that I'm currently watching 13 shows/week with 19 total shows that I watch throughout the year (not counting Netflix or shows I'm trying to catch up on) they're usually shocked. I promise that I have a life outside of watching T.V. (well, most of the time).

I watch so much TV, because I love getting immersed in the lives of these characters — many whom I've followed for years. My favorite shows are the ones that I get emotional over where the shows seem so real that I almost think it's real life. That's mostly why my list doesn't include many supernatural shows because it's hard for me to get very involved in shows that stray too far from real life.

Here's a review of some of the shows that I think you should've watched this week, some of which I'd argue are the best on TV, and some that I really should stop watching but I can't:

Dramas you should have been watching already:

*Grey's Anatomy*: It's on its 10th season, and it's still going pretty strong (though nothing can beat the good old days of Addison and McSteamy). There hasn't been any insane drama lately, which



COURTESY OF LAURIK2007 VIA FANPOP

*Greys Anatomy* provides hilarious banter and dramatic relationships between the hospital's doctors.

is a relief, and the core cast is still mostly intact. *Grey's* is so great because of the hilarious banter among the characters, patients, whose characters are always developed well, and intense romantic relationships that we either root for or hate. I'm particularly into the most recent storyline, which finally addresses the fact that all of these surgeons should probably not have been dating their interns.

*Scandal*: Shonda Rhimes' (the same genius who produces *Grey's Anatomy*) latest masterpiece has gotten pretty ridiculous lately, but let's be real, that's what makes it good. I'm into this show for more of Rhimes' witty

banter, the intense political scene, and for Mellie Grant, who is probably my favorite First Lady ever. I am not one of the diehard "Olitz" fans because this "leader of the free world" is a terrible person and does not deserve someone as fantastic as Olivia. For people who haven't started

*Scandal*, this is a great show to binge-watch. I watched the first two seasons in one week this summer.

*Parenthood*: If you're into sobbing during T.V. like I am, then you will love this. This is a show about real people, experiencing everyday problems and emotions. Pretty much anyone, even if you don't have a big, crazy, an-

noying, supportive family can relate to what the characters go through on this show. The entire cast is great and the characters have really developed over the past few years. If you don't get emotional at least once during each episode, then you don't have a soul.

*Reign*: It's only on its first season, but it was already renewed for a second one, so it's going to be around for a while. If you like attractive actors (which The CW always does so well), 1500s French court drama, fantastic outfits and hair, a little bit of the occult and randomly appropriate indie music, then this show is for you.

I like that this show is centered almost entirely on its strong, confident women. However, it's going to have to continue to have

SEE ADDICT, PAGE B5



COURTESY OF SUNSHINE47 VIA FANPOP

Harvey Specter finally decided to declare his feelings for Dana Scott.



## ARTS &amp; ENTERTAINMENT

## Exhibition atmosphere compliments pieces

CERAMICS, FROM B3

white, teal and yellow stripes down the center of the jar. Its energy is palpable, as its effervescent colors and glossy texture easily command the attention of the space around it. Its colors are further accentuated by the incorporation of a Japanese screen depicting peacocks placed behind the vessel. The colors of the vessel and the peacocks blend together beautifully, creating an exhilarating end to Designed for Flowers.

Indeed, Chief Curator Mintz's skillful use of Japanese screens to both contrast and highlight the ceramic vessels is just one of the ways the layout of the exhibition succeeds in creating an atmosphere perfect for the nature of the featured artwork. The walls of the exhibition are painted in a fresh mint green, creating a serene and tranquil environment for observing the ceramics.

"In contrast to the romance of the classical art in the museum, the mint-colored modern ceramics exhibit provides a calming experience ideal for admiring the cool and controlled forms of the vases," said Hopkins junior and Walters Museum intern Michelle Court-Reuss.

Another important aspect of the exhibition's layout is its commitment to in-

teractivity. In the middle of the exhibition, visitors are invited to compose their own haikus, which they can clip to lines of string along the wall of the exhibition.

Additionally, towards the end of Designed for Flowers, visitors of all ages are encouraged to try their hand at constructing a felt ikebana flower arrangement on a large board complete with many different types of felt shapes. In this way, Designed for Flowers is accessible for people of all ages, creating a playful spirit of fun in the exhibition.

Just a few steps away on the JHMI shuttle, the Walters Art Museum has always been an enormous asset to Hopkins and the greater Baltimore community. Its newest addition, Designed for Flowers: Contemporary Japanese Ceramics, while fitting for all ages, is perfect for the college student because of its youthful atmosphere and dynamic pieces of art.

The exhibition began on Feb. 23 and runs through May 11. More information can be found at <http://thewalters.org/exhibitions/ikebana/>. For a relaxing Saturday afternoon, look no further than this unique and inspiring exhibition featuring works of many of Japan's greatest living ceramic artists.



COURTESY OF JOHN DEAN

The Walters' modern ceramics exhibit provides a calming escape.

## Thor 2: The Dark World completely misses the mark

The last decade or so has seen a great resurgence in the once nearly-dead genre of comic-based film. After decades of questionable writing, tired plots and campy acting — to say nothing about the culmination of these factors in the disastrous *Batman and Robin* — recent, new directions of comic franchises have breathed new life into this genre, seeing the returns of such greats as *Batman*, *Spider Man*, and the *Man of Steel* Himself.

However, while their competitor DC has taken a decidedly darker tone with their films, such as Nolan's *Dark Knight* trilogy, Marvel Comics has instead opted for a more lighthearted, easygoing atmosphere for their films. This keeps with the traditional "spirit" of comics and superheroes. Full of camp, sarcasm and quirkiness beyond compare, Marvel has carved out a very successful niche in the market, exemplified by the success of *The Avengers*.

However, Marvel's success in this field leaves this reviewer with some measure of confusion, not as to why they are successful, but as to why they would willingly move away from what made them successful in the first place. This, unfortunately, is the case with *Thor 2: The Dark World*.

The film begins with a largely expository opening sequence, detailing an ancient feud between Asgardians of ages past over a weapon called the Aether, which contains the power to destroy the entire universe. Past warriors of Asgard (to the uninitiated, a realm home to godlike characters based on Norse mythology) seal the Aether away, after defeating the evil Dark Elves, led by a character named Malekith (Christopher Eccleston). Cut to Thor (Chris Hemsworth), godlike prince of Asgard,

thousands of years later. Following the events of *The Avengers*, titular character Thor, amid a conflict amongst the various realms, learns of the coming of the Convergence, a supernatural "alignment" of the realms, which causes portals between them to appear seemingly

particularly large problem, this movie operates wholly on the assumption that audiences have seen both films; *The Dark World* will be extremely unforgiving to those who have seen neither film, or have even just seen the first *Thor*. It's a brilliant marketing strategy on Marvel's part,



COURTESY OF MIRLYN VIA FANPOP

*Thor 2* lacks all important elements of other films in the hero genre.

at random. Unfortunately for Thor, his love-interest Jane (Natalie Portman) ends up stumbling into

ensuring that audiences will see their other films, but an issue nonetheless; without the backstory of

### Tim Freborg: Flashframe Film Reviews

those two films, audiences will have no way of following what is going on in the plot.

Even with such information, the plot juggles so many subplots, established over the course of multiple films, that audiences will still be left questioning what happened, or how or why events unfold as they do.

The plot's content, however, is nothing particularly extravagant to behold. While it certainly has its interesting moments, *Dark World* sadly lacks much of the energy to be found in other superhero films,

those two films, audiences will have no way of following what is going on in the plot.

Even with such information, the plot juggles so many subplots, established over the course of multiple films, that audiences will still be left questioning what happened, or how or why events unfold as they do.

## Real Estate releases *Atlas*, a short yet successful album

By JOHN SWEENEY  
Staff Writer

Out on March 4, New Jersey indie rock band Real Estate's third album, *Atlas*, embraces the laid-back guitar rock that has brought it critical and popular acclaim. The album dives into darker territory than previous ones. *Atlas* marks the band's first album in three years.

Clocking in at just over 38 minutes and 10 songs, *Atlas* is a short and sweet testament to the band's well-recognized talent. This is the shortest of its three albums.

*Atlas* was recorded in just two weeks at Wilco's Chicago studio, The Loft. Tom Schick, who lent his production skills, has worked with artists ranging from Norah Jones to Bob Dylan.

The attention garnered from *Atlas* is just the most recent, resulting from a string of highly acclaimed albums. The band's first two albums — *Real Estate* and *Days* — have received high praise from reviewers and fans alike.

The record received an 8.8/10 score by Pitchfork and was recently featured under the albums category of Pitchfork's "Best New Music" section. It also received a score of 77/100 on Metacritic.

Criticized by some as elevator music for the criminally hipster, Real Estate's sound is not particularly complex, featuring many open chords, straightfor-

ward drumming and relatively simple bass lines.

However, Real Estate still manages to convey a sense of nostalgia and longing better than many of its peers. Its live shows also prove that it is more than just a garage band from the Garden State.

comfort of home for life beyond the suburbs.

The album opener, "Had to Hear," aptly starts the record off by describing the beginning of a journey, both personal and physical, that is detailed throughout *Atlas*:

"I'm out again on my

It is not hard to imagine "April's Song" as a soundtrack for a windows-down drive on a summer day; it relieves fans from the album's introspection for a few minutes by introducing a bright and catchy instrumental.

"The Bend," one of the

"Toss and turn all night / Don't know how to make it right / Crippling anxiety," Courtney sings.

*Atlas* closes with the steady-swinging "Navigator," a retrospective:

"The day is young, but I'm already spent / I have no idea where time went," Courtney admits.

An album primarily focused on looking forward healthily ends with a hard look at where one has been.

*Atlas* is in no way radically different from its predecessors. Altogether, the three albums share the same sonic style while slowly gaining lyrical and melodic maturity over the years. However, Real Estate has just proven that a successful work ethic does not deserve fixing.

Surprisingly, despite the successes of its three studio albums, Real Estate has managed to stay, for the most part, under the radar.

Even so, its consistency as a reliable indie band in a business dominated increasingly by pop, rap and dance is hopeful for the future of guitar rock.

Audiences should certainly consider this album, and spread the word to local radio stations.

The band hits the road this spring, traveling across the United States before making the festival circuit this summer.

Catch Real Estate live at the 9:30 Club in D.C. on April 2, or at the Union Transfer in Philadelphia on April 3.



COURTESY OF ALAN RANTA VIA EXCLAIM.COM

Unlike their famously light lyrics, Real Estate tackles much darker themes of anguish throughout *Atlas*.

The band is also well known for the lightness of its music. However, *Atlas* most notably tackles darker thoughts and subject matter, while still capturing the feet-in-sand atmosphere of Real Estate's past works.

Particularly, *Atlas* confronts uncertainty with one's future, leaving the

own," singer/guitarist Martin Courtney begins.

Lead single "Talking Backwards," carried by an infectious upbeat guitar riff, continues to speak to the frustrations of isolation:

"I might as well be talking backwards / Am I making any sense to you?" Courtney asks.

first songs to emerge from *Atlas*, is a perfect example of the Tiki- and sun-bleached style of Real Estate's past work and one of the catchiest songs on the album.

To begin the second half of the album, "Crime" maintains the catchy rhythm while balancing the anguished undertones:

particularly those made by Marvel. It simply tries to move in too many directions at once. It tries to be darker, upping the stakes of the first *Thor* film, incorporating much more action and a villain with far darker end goals. However, it doesn't successfully push all the way with its darkness: characters remain quirky and light, even when the situation at hand doesn't call for it. Likewise, in situations in which it would be appropriate to let the film breathe and lighten its tone, the film opts instead to press on with its overbearing serious tone. The end result is a film which is very confused, unsure whether to be light or dark, and thus it resides somewhere in between. This "in between" however, ends up simply being lukewarm, muddled and uninteresting.

The characters do little to help matters in this regard. Hemsworth, despite his best efforts, does not carry much power in his role as Thor. Outwardly, he looks the part, giving the powerful aura of a Norse god of thunder, and the earth-shattering potential that comes with it. As soon as he opens his mouth, however, that image visibly depletes. He speaks in monotone throughout the entire picture; the closest he gets to emoting is limited to raising and lowering the volume of his voice, which sadly, does little to endear us to the character. Eccleston as Malekith fares better, conveying a feeling of menace, fear and arguably hints of sadness and tragedy. Despite Eccleston's efforts, the character of Malekith unfortunately comes off as too one-note for any of these emotions to leave much impact; he simply feels like a standard villain, nothing more, nothing less. The standout performance is given by Hiddleston as Loki, who, true to form, plays the scheming and maniacal villain with all the quirky charm for which he has become well known. While Loki's role in this film is relatively small, it is portrayed extremely well. Fans of the series and the character will be excited to see him return with another excellent performance.

The visuals, similar to the acting performances, are hit-and-miss. While there is nothing particularly wrong with the effects — which range from the digitally-rendered Asgard to the lightning for which Thor is well renowned — unfortunately they leave little actual impact. Everything is very obviously CGI rendered; audiences will never be fooled for a moment into thinking that they are looking at anything real; as a result, the hard-hitting action scenes, which rely heavily on such effects, lose a good deal of the raw, physical power behind them. Everything simply looks too computer-rendered.

*Thor 2: The Dark World* lacks all of the power other films of its type have. While it is serious, it doesn't push itself hard enough to leave much of an emotional impact. While it has light, quirky moments, they are too few and far between to define the film properly. With a jumbled plot, questionable acting and CGI-laden visuals, the film feels like a decided step backward for comic book films. If you're a fan of Hiddleston's Loki from previous Marvel movies, you may be able to enjoy the film for the 30 to 45 minutes he's on screen. Otherwise, give this one a pass.



ARTS & ENTERTAINMENT

# A television series for every mood or situation

**ADDICT, FROM B5**  
creative plots to keep me interested.

Comedies (these don't even take too long to watch!):

**Parks & Recreation:** This is, for sure, one of the funniest shows on television. The dynamic among the characters will never get old, and the writers will continue to come up with great moments, such as when Ron Swanson described his iPod as an "excellent rectangle," or the notion of a pizza with crust stuffed with pizza whose crust is made of chocolate. To be honest, last week's episode fell a little flat for me. I don't want Leslie Knope to be stuck in Pawnee forever, but for the show to keep running, she has to be, which makes me wonder how much longer this show can last.

**How I Met Your Mother:** I'm still watching just to find out exactly what happens with the mother, but the first few seasons were way better than the current one. Though there were a few shining moments this season, I've spent the entire time waiting for it to finally end. I also binge-watched the entire show this summer so it's doable.

**Girls:** This probably qualifies more as a dramedy. It may be about a bunch of white privileged girls living in New York, and sometimes I hate all

of the characters. On the other hand, I also think that they could be my best friends, and this could totally be my life in New York once I graduate and become a poor writer. Sometimes, I watch this show and unexpectedly start talking like Shosh.

**New Girl:**

The cast has always been great, but I sometimes get a little bored with this show. The characters can feel too exaggerated, as if the writers are working too hard to be funny. The first season is definitely worth watching though, and Zooey Deschanel will always be quirky and adorable if you're into that.

ABC Family Shows (that I'm totally not embarrassed to say that I watch):

**Pretty Little Liars:** Recently, there have been far too many plot twists, and we are never going to find out who "A" is. However, the outfits are all so great, and I thoroughly enjoyed the black and white episode a few weeks ago that

really played to the show's cinematic strengths. It brought me back to some of my favorite Humphrey Bogart movies.

**The Fosters:** You will not regret starting this show; it has one of the most diverse casts on TV., and it's badass enough to center on a biracial foster family with gay parents. Plus, it tackles tricky issues such as the emergency contraception drug, Plan B, and illegal immigration. *The Fosters* gives you what ABC Family does best: dealing with trivial teenage issues alongside serious issues. This is also a show that will make you cry.



COURTESY OF SAUL MIKOLINUNAS VIA FANPOP.COM  
*How I Met Your Mother's* Marshall, Lily, Ted, Robin and Barney are the ultimate jokesters.

Shows you shouldn't watch but that I have thoughts on anyways:

**Revenge:** It was fantastic in its first season, but it's all gone downhill from then. I honestly dislike all of the characters now and want bad things to happen to all of them except for Nolan. Of course, keep in mind that I'll continue watching to figure out if

Emily ever gets her revenge.

**Star-Crossed:** There have only been four episodes so far, and I have to admit that I'm not caught up. It's a show about attractive humans who have to deal with even more attractive aliens, and there's a Romeo-Juliet-esque relationship. There's probably going to be a war, too, and I'm just not sure if it's worth spending any time on.

What I watch while I do my homework:

**The Voice:** Watch this for the amazing dynamics among the coaches. They're all hilarious, and I will forever be in love with Adam Levine.

Shows I watch that aren't airing right now:

*Mad Men*, *Downton Abbey*, *The Newsroom*, *Veep*, *Masters of Sex* and unfortunately, *The Real Housewives of New Jersey*. I also watch *House of Cards* and *Orange Is the New Black* on Netflix and am on the first season of *The Good Wife*.

If you think this is excessive, just realize that this is nothing. I learned everything I know about TV. by consuming an excessive amount of media from my friend. She's currently watching 18 shows/week, and she watches a grand total of 51 shows throughout the year. My goal in life is to make it to her level.

# Omar nominated for best Foreign Language Film

**By CHACONNE MARTIN-BERKOWICZ**  
For The News-Letter

*Omar*, a Palestinian film directed by Hany Abu-Assad, was released in the United States this February and nominated for Best Foreign Language film at the 86th Academy Awards.

At the Cannes Film Festival it won the Jury Prize, and the film was the official selection of both the New York and Toronto Film Festivals.

In Israel, however, the film, as expected, received more varying reviews. The Israeli-Palestinian conflict provides the backdrop for this drama, so this comes as no surprise.

In the film, three childhood friends create a resistance group and attack Israeli soldiers. When they shoot an Israeli soldier, protagonist Omar, a member of the resistance group and a baker, is imprisoned by Israeli intelligence.

For the entirety of the film, Omar is caught between the motives of two opposing forces, in the midst of which he desperately tries to hold onto his own desires and hopes, which are built around the girl he loves, Nadya.

Omar yearns to leave this relationship untainted by the situation he has found himself in. He and Nadya, the sister of one of his accomplices, hope for a future together. Their moments together are at first simple and sweet. They give each other notes to express their feelings and barely ever touch; their emotions are shown with smiles and tilts of the head. The purity of their relationship offers a strong juxtaposition to the violence Omar faces when he leaves Nadya and returns to the difficult situation he is caught in.

The nature of the shots change from being slow and lingering to fast and violent. As the film progresses, however, the stark contrast between the ruthless violence of the military police and the serenity of first love begins to dissipate, and the two begin to interact.

Shots of the quiet moments Omar and Nadya share become tense. This has

a jarring effect as the viewer is thrown between two spheres along with Omar. This separation is further embodied in the separation wall that Omar uses a rope to climb over in order to see Nadya. The wall represents the barrier between Israel and Palestine as well as the inevitable barrier between Nadya and Omar that is a result of his political actions. While at the start of the film Omar is fit to climb the wall without much thought, by the end of the film he struggles to make it across.

It is the emotional tension that exists between Omar, Nadya, and his other accomplices that differentiates the film from other political dramas. Within the tense environment there lies a story of love and friendship.

"You want to make a movie that survives the conflict, after 20 years or 100 years still seems a good movie. That is why I think really the film is not about the conflict; it's really about love, friendship, and betrayal and about the genre thriller," Director Abu-Assad said to the *Los Angeles Times*.

It is exactly this focus on love and an aspiration for a peaceful life that exemplifies the adverse effects of the violent political struggle the characters find themselves in. As Omar discovers, there cannot be a separation between one's personal desires and an intruding environment. The audience feels the characters' frustration.

Thus, while the film's main focus may not be political, it generates more intense awareness of the political setting. The audience is integrated into a real situation in which there is something of great value at stake. It is unbearable and frustrating to think that the relationships formed between the characters are interfered with as a result of the political setting. Events and characters are spun together in a seemingly never-ending spiral, and it is not until the end of the film that there seems to be any firm conclusion. The turmoil evoked in the film comes to a close with an ending that leaves the viewer feeling not necessarily fulfilled but instead powerful and astonished.

# Coldplay's "Magic" is a lyrical disappointment

**By AUBREY ALMANZA**  
Arts and Entertainment Editor

Before releasing their comeback album, *Ghost Stories*, Coldplay subtly dropped "Magic" late Sunday night as a preview of things to come. Sadly, "Magic" is causing everything but excitement for the British rock band's sixth album. Although indisputably catchy with its consistent beat, "Magic" lacks Coldplay's infamous lyrical strength.

Chris Martin is no stranger to romantic poetry. Songs including "Yellow," "Green Eyes," "Fix You" and "The Scientist" tell moving stories with love as their central theme.

He sings, "I came here with a load, and it feels so much lighter since I met you. Honey, you should know that I could never go on without you." In their timeless hit "Yellow," Martin pours his heart into the lyrics: "Your skin and bones turn into something beautiful . . . for you I'd bleed myself dry." "Swallowed in the Sea" features the lines: "I could write a song, a hundred

miles long, well that's where I belong and you belong with me."

Apparently this heartfelt promise is no longer, for "Magic" conveys nothing to the person it's written for save a few elementary rhymes repeated for nearly five minutes. Coldplay has a history of restating the same line (e.g. "Trouble"), but the mantra is usually somewhat touching. In "Magic," Chris Martin says "I do" and "I don't" a whopping thirteen times with little else in between.

As artists, the group naturally wants to experiment with their sound, genre and target audience. Indeed, they successfully topped charts with upbeat songs such as "Every Teardrop is a Waterfall." But fans want some of Coldplay's identity and signature characteristics to remain as they branch into new musical territories. "Magic" eliminates the poetic lyrics, the piano melodies and Martin's passionate belting.

Fans will have to listen to *Ghost Stories* come May 19 to see if the once beloved Brits have ditched their sound entirely.

**SUITS, FROM B3**

to viewers. Harvey and Donna know the truth. Rachel found out about her boyfriend ages ago and decided to forgive. Jessica — the real threat to everyone's safety — is in the know. Even if Louis chooses to proceed with a full exposure, are there any important characters left to surprise?

Perhaps Pearson-Specter's reputation will suffer from a non-Harvard affiliate "peeing" directly into the pristine pool of eliteness." Or (impeccable timing), maybe non-Harvard grads will finally make their way into the firm, and Miss Zane can actualize her dream of moving up in the Pearson-Specter ranks.

"Buried Secrets" was marketed with a riveting preview and guest appearance, but ultimately proved lukewarm. Although Louis is verging on a breakthrough,

Harvey fought tooth and nail for his beloved apprentice before and would fight again. If Harvey was able to convince Jessica of

Rachel and Mike's relationship is at an all-time high. The perils of long distance are no longer looming and the young,

cycled villain — wasn't so utterly dull.

Harvey Specter, the self-proclaimed eternal bachelor, may finally be settling down with his long-time romance, Dana Scott. Specter continuously claims that he wants her in the picture, but what this picture entails remains unclear. Typically decided, blunt and determined, Specter appears avoidant and confused. Harvey offered Scottie a position and paid her \$500,000 buy-in, but his deep-rooted issues remain relevant to his motivations:



COURTESY OF SUNSHINE47 VIA FANPOP.COM  
Mike's future at Pearson-Specter is in danger as Louis comes closer to discovering his secret.

promising couple will shortly move in together. With nearly perfect LSAT scores, the company paralegal realizes her lawyer potential. Mike, too, is gaining confidence as he pursues cases solo, but for everyone's sake, Nick Ronaldi needs to expire from the *Suits* cast. At least Tanner — a previously re-

Harvey still faces extreme trust issues due to his mother's infidelity. He needs to work on his communication skills and tells Dana that he isn't ready to give her a ring.

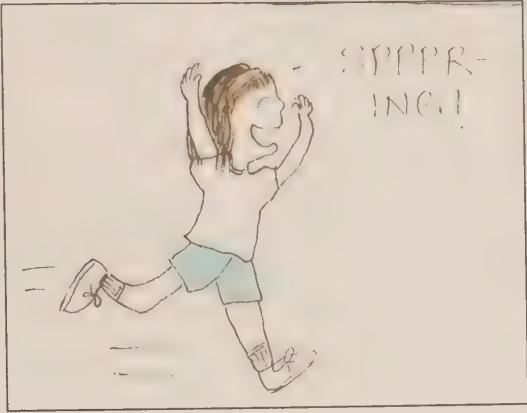
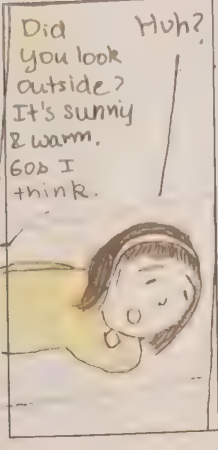
What exactly does Harvey Specter want? Viewers should tune into USA Thursday night to find out.



# CARTOONS, ETC.

By Sachi

Blue Jay Chronicles



By Seola

Heaven



Last Week's Crossword Solved!

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# SCIENCE & TECHNOLOGY

## Insomniacs possess higher neuronal plasticity

By CATIE PAUL  
Staff Writer

Think back to the last time you had trouble sleeping. Remember how you felt lying in bed awake, gazing into a dark room until your clock finally told you to start a new day. Now, imagine having trouble falling asleep or staying asleep every night.

Insomnia is a sleep disorder that affects an estimated 15 percent of the population of the United States. This condition can be a side effect of more serious disorders such as depression or present on its own. To better illuminate this sleep disorder, researchers at the Johns Hopkins University School of Medicine investigated brain activity thought to be linked to insomnia.

Rachel E. Salas, an assistant professor of neurology at the School of Medicine, led the study. Her team analyzed brain function in the motor cortices, which are brain structures associated with planning, control and voluntary movements. They found that the cortices of people suffering from insomnia are more plastic, or adaptable

to change, than the cortices of people without insomnia. This suggests that insomniacs' brains might be more continuously processing information, interfering with sleep.

To carry out the study, the researchers performed transcranial magnetic stimulation (TMS), a procedure that

uses a magnetic field to noninvasively stimulate different areas of the brain. Twenty-eight participants were involved in the study: 18 with insomnia and 10 without.

The researchers connected electrodes from the participants' thumbs to an accelerometer, which allowed them to mea-

sure the direction and speed of their thumbs. The participants then received 65 pulses of TMS on their motor cortices. Such stimulation made their thumbs move involuntarily. Following the TMS procedure, the participants worked on moving their thumbs in the

SEE INSOMNIA, PAGE B8



Aside from not having enough time to sleep, millions of American battle insomnia, a disorder that prevents rest.



EPAGOV

Animals in crowded conditions experience mental illnesses from pollution.

## Hopkins study challenges food regulation agencies

By ELIZABETH LIU  
Staff Writer

Agricultural regulatory agencies, the governmental organizations that oversee food production and research, are regulated themselves by the red tape of bureaucracy. A study from the Johns Hopkins Center for a Livable Future (CLF) discovered that, under current circumstances, industrial food animal production (IFAP) regulatory agencies are not able to do their jobs effectively.

IFAP, known colloquially as factory farming, is a modern farming scheme adopted by many developed nations to cope with rising populations and high food demands. In this modern system, livestock is industrially produced in small, confined areas at a very high density. IFAP methods allow farmers to produce milk, meat and eggs at very high levels of output and relatively low costs. Such efficiency has proven beneficial, if not

crucial, for the world's rapidly growing population.

Amid these benefits, however, IFAP is associated with many negative consequences for human health. The U.S. Center for Disease Control and Prevention (CDC) has identified many occupational health issues for factory farm workers, ranging from lung diseases to infections. Furthermore, a study published in the *International Journal of Environmental Health Research and Public Health* revealed that residents of communities next to factory farms experience an increase in respiratory diseases, neurobehavioral disorders and mental illnesses due to the farm's pollution.

Intrigued by this information, Hopkins researchers at the CLF conducted interviews with employees from regulatory agencies in seven states with high levels of IFAP operations. The interviews probed the amount of complaints and

SEE FARMS, PAGE B8

## Hopkins uses immune cells to battle cancer

By MARU JAIME GARZA  
Staff Writer

Cancer is no longer restricted to just our bodies. The disease has invaded headlines, pages of books, scientific studies and the public consciousness. Fortunately, however, this non-physiological growth can certainly spark scientific collaborations to fight the bodily form of cancer.

Chemotherapy is but a poison that attempts to destroy all rapidly reproducing cells, taking with it cells of the stomach lining, hair and nails. This toxin weakens the immune system, the liver and, quite often, the patients' will to fight. Cancer immunotherapy, the medical use of the immune system to fight cancer that was named as "Breakthrough of the Year" by *Science*, may very well reverse this destructive tendency.

Researchers at the Johns Hopkins School of Medicine have found a way

to prepare the immune system with nanotechnology so it can recognize and fight cancerous cells. The secret lies in an iron-based nanoparticle's properties: They are 50-100 nanometers thick, non-harmful to

living tissue and slightly magnetic.

The human immune system, the body's defense mechanism, must be proficient in differentiating between harmful antigens and harmless cells and tis-

sues of the body. It often does this by differentiating between the potentially harmful nonself and the normally harmless self. Since cancer isn't a foreign particle, the immune system is rendered helpless to the lethal disease. To make matters worse, the rapidly dividing cells of cancerous

SEE CANCER, PAGE B8



BIO.DAVIDSON.EDU

T-cells are lymphocytes that play a vital role in the immune system.

## NASA discovers 715 new planets

By JOAN YEA  
For The News-Letter

Since the first discoveries of planets beyond Earth and our solar system, the human imagination has been fascinated by the idea of extraterrestrial life. In recent years, astronomers spurred by the possibility of finding planetary environments conducive to life have overlooked the seemingly simple task of identifying and confirming new candidates.

On Feb. 26, NASA's Kepler team announced a breakthrough discovery of 715 new planets. Co-led by Jack Lissauer, a scientist at NASA's Ames Research Center, the team applied an analysis technique based on the logic of multiplicity to planet candidates in multi-planetary systems.

To identify possible planets, the research team observed a few thousand stars out of 160,000 that appeared to be associated with planet candidates. Of those few thousand, a sub-category of hundreds of stars was identified as forming parts of multi-planetary systems. By analyzing the brightness of the stars, particularly looking for dimming caused by planets orbiting in front of the stars, the Kepler team was able to identify potential planet candidates.

This method alone, though, proved insufficient. The maze of stars was difficult to interpret simply by brightness. In fact, this brightness analysis did not account for the

possibility that dim stars moved in front of brighter ones, thereby blocking light and imitating the dimming effect produced by a planet.

To address this problematic aspect of the investigation, the team devised a statistical technique that relied upon the principle of multiplicity. Before the development of this method of authentication, planet candidates had to be confirmed one by one. Now, by using this multifaceted approach, many planets can be evaluated at once.

The principle of multiplicity is best explained through an astronomer-created metaphor: The ar-

rangement of planets in a multi-planetary system is likened to the group organization of lions. For the Kepler research team, the stars were comparable to the lions, and the planet candidates were lionesses. If two large felines were observed, the pair could consist of two lions or one lion and one lioness. If more than two felines were observed, the researchers assumed the conglomeration was a pride, which consists of a single lion accompanied by a host of lionesses. In this way, the researchers were able to verify planets in a multi-planet group.

Of the newly identified

SEE PLANETS, PAGE B8



KEPLER.NASA.GOV

The NASA Kepler team recently announced their planetary discoveries.

## CarPlay brings Siri into travel

By MIKE YAMAKAWA  
Staff Writer

Just when you thought that Apple couldn't become more ubiquitous, the company has released a new

device that will be on the market soon. However, it won't be available through its regular market; the new Apple product will find its way to mainstream consumers through the Gene-

va Motor Show this week. Apple is coming out with a new car infotainment system that will be fully integrated with iPhone capabilities.

Contemporary automobiles are now equipped with a standard mp3 or USB connection to allow the drivers to listen to their own music freely. GPS systems, which are also commonly installed in cars nowadays, have made the driving experience easy and spontaneous. So what more does a driver need?

Apple is venturing a new project development that aims to raise the driving experience to a new level. They've done it with the iPod, iPhone, MacBook and iMac series. They continue to innovate things that consumers never knew they desired. Apple innovation is so robust that these products are everywhere. Take a quick gander at the technology around

SEE APPLE, PAGE B8



OHSU.EDU

Apple is hoping to hop into the travel market with driver-friendly CarPlay.



# Nanotechnology preps the immune system



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Hopkins researchers are working on improving cancer treatment options.

**CANCER, FROM B7**  
tissue are subject to high mutation rates. Thus, even if the immune system could recognize cancer cells, it is unlikely that the defense system would be able to act before the disease evolved into a new form.

The Hopkins researchers have found a way to combine the properties of nanoparticles and the major histocompatibility complexes (MHCs) of the immune system. During an immune system response, MHCs digest antigens that have been destroyed by cells. After digestion, these complexes transport the antigen fragments to the cell surface, making the cell an antigen presenting cell (APC). These cells can bind T-cells, immune system cells

that recognize antigen displays. Upon T-cell binding, APCs release signals that make the T-cell rapidly divide. This ensures that the T-cell is prepared to attack antigens similar to the one displayed by the APC.

Taking this process into account, the Hopkins researchers added nanoparticles to MHCs presented with specific antigens and antibodies attracted to T-cell receptors. Together, these entities created artificial antigen presenting cells (aAPCs). T-cells for the specific antigens grew in great numbers, assuring a victorious battle against the afflicted cells.

When used against cancerous cells, the weak vasculature created by tumors allowed the aAPCs to escape from the bloodstream

and enter the site of tumor origin.

The researchers compared the response of the previously activated T-cells to those of naïve, or unactivated, T-cells. The activated T-cells bound twofold fewer nanoparticles than their naïve counterparts. Furthermore, naïve T-cells are known to have more fine-tuned results in activating the immune system. Finding a way to target the desired area and the correct type of T-cells seemed to be the only aspect missing in the creation of a new type of immunotherapy.

The paramagnetic properties of aAPCs allowed the researchers to use magnetic fields to concentrate the particles in desired areas without significant biological side effects.

When aAPCs were clustered around naïve T-cells, the researchers observed a more efficient activation of the immunological response. Proliferation of the aAPC-clustered T-cells increased fourfold compared to nonmagnetic controls. Moreover, antigen-specific T-cells increased between 450- and 3600-fold, a significant laboratory-generated feat in comparison with the natural viral response of a 1000-fold increase.

After these stages, the

researchers moved to a living model. They chose transgenic mice with melanoma, a skin cancer. Because this particular cancer is seldom recognized by the immune system, the model created the perfect testing ground for aAPC efficiency. Treatment with both aAPCs and the magnetic field resulted in an eight- to tenfold smaller tumor size than in untreated mice at day 18. By day 28, this treatment had completely removed all traces of tumors in four mice.

Dosage differences and magnetic field timing can be altered to minimize side effects. This makes aAPCs outstanding chemotherapeutic agents. Of course, much more testing must

be done before aAPCs can be used for treatment. Furthermore, there are still immune system mechanisms that are not fully understood, and the magnetic properties of nanoparticles have never been used in combination therapy.

As a prime example of human collaboration in attempts to vanquish cancer, the Biomedical and Cell Engineering Departments, with the Departments of Biology, Pathology, Oncology and Medicine have coalesced to yield intriguing results.



DEPTSWASHINGTON.EDU

Those who have trouble sleeping show higher plasticity in the brain.

## JHU studies the motor cortex in the sleepless

**INSOMNIA, FROM B7**  
opposite direction. After 30 minutes of movement, TMS was applied to the motor cortices for a second time. The research design intended to measure the ease with which the participants could retrain their motor cortices. The results indicated that insomniac brains were more easily retained and thus were more plastic than the brains of non-insomniacs.

According to Salas, the implications of this research are still unclear. Moreover, researchers do not know if the motor cortex is the only area of the brain affected by insomnia.

Salas highlighted research limitations due to funding shortages: "Funding was definitely one of our limitations to bring more subjects in," she said. "Honestly, a lot of the studies that are out there using TMS haven't

required large sample sizes. I maintained the same sample size that other studies have used. We would have loved to bring in more volunteers."

When asked if she would like to continue studying insomnia, Salas answered, "I would love to. The biggest frustration we face is that even though these are common disorders and reduce quality of life, there are still these other more devastating disorders out there. As a result, there isn't a lot of attention paid and funding for sleep disorders."

The study will be published in the March edition of the journal *Sleep*. It was supported by the National Institutes of Health's National Institute of Child Health and Human Development as well as the National Institute of Arthritis and Musculoskeletal and Skin Diseases.

## Habitable zone planets could sustain life

**PLANETS, FROM B7**  
planets, almost 95 percent are thought to be less than four times the size of Earth. Furthermore, four of these planets were found to be located within their respective stars' habitable zone, the range in which the surface temperature of a planet is favorable for the presence of water.

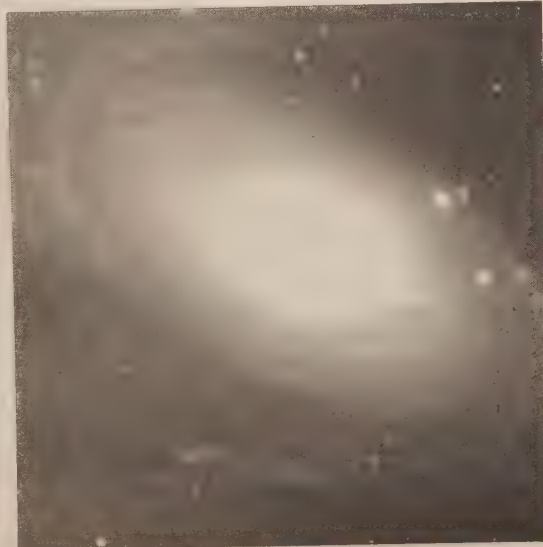
A particularly interesting planet among those newly identified is Kepler-296f. Twice the size of Earth and orbiting a star half the size of the Sun, this planet seems to have conditions hospitable for water. Thus, Kepler-296f may likely be the subject of further scientific inquiry.

In its achievement of uncovering 715 new worlds through inventive analysis techniques, NASA's Kepler research

group opens up a wide spectrum of queries. The most prominent among

these is the possibility of finding extraterrestrial life. As the application of

the team's methods becomes more widespread, the likelihood of finding significant truths of the cosmos will only increase.



SPIFFRITEDU

Several of the discovered planets are in their stars' habitable zones.

## Factory farming raises concerns

**FARMS, FROM B7**  
public health concerns received by the agencies, the method in which the agencies responded to such concerns and the efficiency of process used to resolve the issues.

The Hopkins team found that state agencies legally allowed to regulate IFAP operations were unable to address public health concerns. This wor-

risome inability was attributed to narrow regulations, a dearth of proficient public health workers and inadequate resources.

However, the results of the CLF study do not imply that every state in the U.S. has trouble managing its IFAP operations. The state of Maryland, known for its chicken production, has been a leader in environmental protection. In fact,

the Maryland Department of Agriculture just adopted a set of new regulations in 2012 that will improve the old nutrient regulations on chicken manure. Chicken manure, used as a fertilizer, can be very harmful to the environment and human health if stored or applied to crops improperly. The new regulations will closely monitor chicken manure storage and application, and it is thought that this vigilance will protect and improve human health.

Following Maryland's lead, state governments can certainly improve the quality of their IFAP operations and public health by taking the first step and simply exerting the effort to update outdated regulations. Hopefully, other local and state governments will take notice of the negative consequences of IFAP and change current regulations to streamline the regulatory process and protect the public's health.



MAHONINGCOUNTYOH.GOV

The exponentially growing population benefits from factory farming.

## Apple introduces new car gadget

**APPLE, FROM B7**  
you. If you are in the library or another study room on campus, you are likely to find that a majority of student consumers have invested in Apple technology for college courses.

It's increasingly evident, though, that the company is expanding to other niches. iPads are now often used as a complete substitute for computers in the business world. Even in the online market, there are a handful of eBooks created by Apple's own iBooks au-

thors. Now, the company has taken a comfortable seat in the automobile industry. They call their new product the CarPlay.

Despite not having the characteristic "i" in its name, CarPlay is nothing short of being innovative and Apple-esque. It is meant to display a screen, similar to the interface seen on the iPhone, onto the dashboard of your car. It uses the famous artificial intelligence friend, Siri, to communicate with drivers and avoid the dangerous burden of pressing but-

tons while on the road. Messages, Calendar, Music and Mail apps, as well as incoming calls can all be accessed with the driver's voice. Better yet, Maps will also be available for GPS functions.

This may be a product some of you have been longing for. Think of all the times you've had the urge to fiddle around with your iPhone while driving. Fortunately, CarPlay is going to be available at multiple automobile companies, including Mercedes-Benz and Volvo, followed shortly after by Nissan, General Motors, Land Rover, BMW and Jaguar. Ford, which has used Microsoft in-car sync systems in the past, is also beginning to collaborate with Apple. Any rumors about Ford dropping their partnership with Microsoft because of dissatisfaction have been downplayed by the company. Nevertheless, they have announced that they are looking at multiple vendors, including Apple, to improve their models.

Apple is insisting that safety is increased by syncing the iPhone to the car dashboard. CarPlay will be displayed in different ways in each car mode, allowing companies to design their functionalities to ideally accommodate it and to minimize inconveniences. Despite these plans, the National Highway Traffic Safety Administration is taking precautionary measures to reduce potential dangers by encouraging drivers to limit touchscreen use. Thankfully, Siri will always be a passenger.

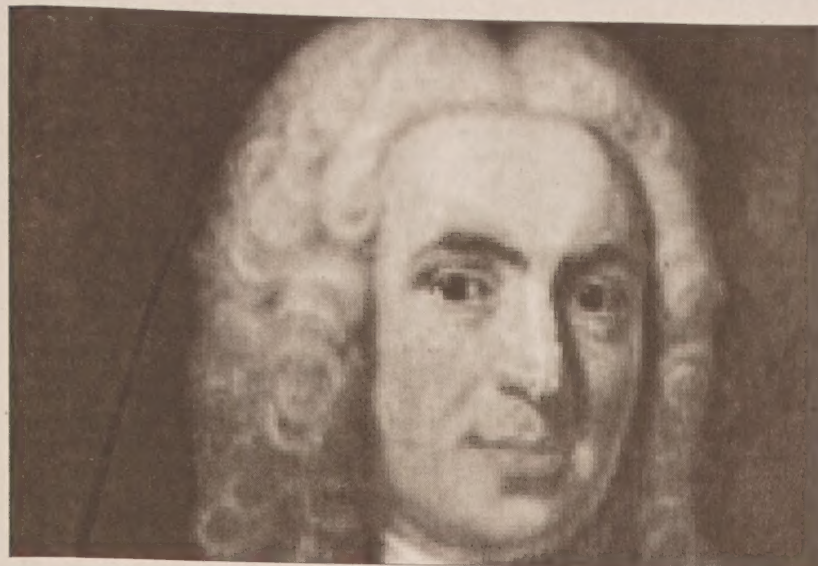


INFOHOSTNMTEDU

CarPlay will tie in a host of amenities such as GPS, mail and music.



# Taxonomy is revamped in DNA-based system



Linnaeus's original taxonomic system may be too simple to accommodate today's expanding species knowledge.

By SEAN YAMAKAWA  
Staff Writer

In 1735, Carl Linnaeus proposed a system for naming organisms in his publication *Systema Naturae*. This system, called Linnaean taxonomy, has proven robust as it is still used today, nearly 300 years after its original proposal. In this taxonomy, each organism is divided into one of three kingdoms, then further classified into different classes, orders, families, genera and species. While there have been some updates to this method of taxonomy due to discoveries of new categories of organisms, the fundamental method proposed by Linnaeus has not changed. In addition to the taxonomic system, Lin-

naeus' binomial nomenclature has remained alive as the most prevalent method of scientific naming. Since the 18th century, many new organisms have been identified. Scientists were first able to accommodate the increasing level of detail in species distinctions by creating categories of subspecies. However, as the number of classified organisms grew, it became increasingly difficult to work with the Linnaean method. Unicellular organisms were particularly problematic, as they often shared physical characteristics despite their drastically different lineages. To address the issues associated with the current classification system, Boris Vinatzer of the Virginia

Polytechnic Institute and State University recently proposed an update to Linnaean taxonomy. Vinatzer claims that his method, which will name organisms based on genetic sequence rather than physical characteristics, is more specific than Linnaeus's system and will lead to standardized naming systems for all forms of life. This genome-based system will be especially useful in naming physically indistinguishable unicellular organisms. Vinatzer, an associate professor in plant pathology, physiology and weed science, points out that Linnaean taxonomy was created in a time when plants, animals and minerals were still being categorized and named. As

a larger number of unicellular organisms such as protists and fungi are discovered, it becomes increasingly difficult to find distinguishing physical characteristics for proper classification. Vinatzer cites anthrax as an example of the limitations associated with the Linnaean system. Although more than 1200 strains of anthrax have been discovered, they remain virtually indistinguishable on paper, as they are often given arbitrary names that do not elucidate any defining traits. With Vinatzer's new system, anthrax strains could be classified clearly by their genome identities. For example, the anthrax agent used in bioterrorist attacks could be named *lvw0x*, while its known ancestor strain could be named *lvw0x*, highlighting the existing differences between the two strains. Vinatzer thinks that genome sequences would strengthen the current system of biological classification by allowing scientists to categorize new organisms under existing species. This would displace the need for subspecies. Vinatzer's new system will also expedite the current naming process. Scientists will no longer need to search for discernible physical differences between organisms — they can simply map genomes and name organisms according to the readout.

# How could a Boeing 777 simply vanish?

By SOPHIA GAUTHIER  
Science & Technology Editor

Mystery, intrigue and concern shroud Malaysia Airlines Flight 370 as officials scramble to uncover the missing plane. Such a strange occurrence raises the obvious question: How does a 200-plus passenger jet simply vanish in the first place? The fated flight departed Kuala Lumpur last Friday afternoon Eastern Standard Time en route for Beijing. Just under an hour into the flight, air traffic controllers lost contact with the jet. As of now, even after multiple search attempts, the whereabouts of the Boeing 777, its 227 passengers and 12 crew members remain unknown. The commercial jet was last understood to be flying over the Gulf of Thailand. Reminiscent of Bermuda Triangle mysteries and yet quite unprecedented in flight history, the case of Flight 370 seems almost paranormal. So how exactly does a plane disappear? Air traffic controllers utilize two types of radar to track commercial jets. The first and more familiar type of radar (an acronym for Radio Detection And Ranging) sends out pulses of radio waves in a circular

perimeter and analyzes the signals that bounce back in order to determine the precise location, altitude and velocity of surrounding objects. The second type of radar utilizes a piece of equipment called a transponder (which is aboard the plane) to transmit location information to land-based radar facilities. Unfortunately, radar has a reach of only about 200 miles and requires an unobstructed view to transmit successfully, so most facilities are built at higher altitudes to project over geographic barriers like mountains. Because of this, planes can fly at low altitudes under the radar or drop off the grid entirely during transoceanic flights. However, during such times, flight crews are expected to utilize text-data networks and high-frequency radio, satellite-based voice communication to maintain communication with air traffic control during designated checkpoints in the flight path. In the case of Malaysia Flight 370, the pilots failed to check-in, alerting authorities that something was amiss. Officials continue to investigate the inexplicable mystery.



The disappearance of a Malaysia Airlines plane remains a mystery.

# Homophobic prejudices reduce lifespan

By SAMHITA ILANGO  
Staff Writer

As today's world continues to have an increase in expected human lifespan, there may be something holding society back: homosexual prejudice. Recent studies have indicated that there exists a direct correlation between anti-gay stigma and shortened lifespans. The study suggests that the shortened lifespan can affect both those who hold the prejudice and those towards whom the prejudice is directed. According to the United States Social Security Administration, it can be said that if a man reaches the age of 65 today, he can expect to live, on average until 84. For women, if they reach an age of 65, they can expect to live until about 86. However, life expectancy can be impeded if the life has a relation to an anti-gay stigmatized community. Anti-gay

prejudice can be defined as homophobia that includes a spectrum of negative attitudes towards homosexuality or people identified as being lesbian, gay, bisexual, transgender, queer, intersexual or asexual (LGBTQIA). Researchers at Columbia University and the University of Nebraska took the pre-existing correlation of shorter lifespans associated with racial prejudice and tested the idea on anti-gay prejudices. To do so, they used mortality data of heterosexuals from the General Social Survey (GSS)-National Death Index from 1988 to 2002. In order to measure homophobia, the GSS asked, "Do you think that sexual relations between two adults of the same sex is always wrong, almost always wrong, wrong only sometimes or not wrong at all?" Questions like this allowed the researchers to determine what percent of the het-

erosexual population was homophobic and when they died in comparison to the heterosexual population that was not homophobic. After statistical analysis of the data, it was determined that anti-gay prejudice is strongly associated with mortality. There was an estimated 2.5-year decrease in life expectancy for those who expressed homophobia and those who did not. The analysis suggests that the root of the problem centers around stress. For years, stress has been suggested to decrease lifespan because of what it biologically and psychologically does to the human population. That being said, stress can result from prejudice. In the past, research has indicated that cortisol, the stress hormone, is released when people interact with those they have a prejudice against. This correlation does not only affect those who hold the prejudices. Research suggests that the correlation extends to the stigmatized population as well. A new study led by Mark Hatzenbuehler shows that people living in high-prejudice areas have a greater risk of dying prematurely than those who live in a more accepting society. Hatzenbuehler, a sociomedical sciences professor at the Mailman School of Public Health at Columbia University questioned whether intolerant environments were associated with premature death among LGBTQIA people. His studies suggest that the lifespans of those individuals were shortened close to 12 years if they lived in communities with strong prejudice. Hatzenbuehler suggests that the results from the study provide pertinent social science evidence that shows how sexual minorities living in communities with high levels of anti-gay prejudice have an increased risk of mortal-

ity, compared with those living in low-prejudice communities. Ultimately, the results from this study could be useful to citizens, legal scholars and policy makers.

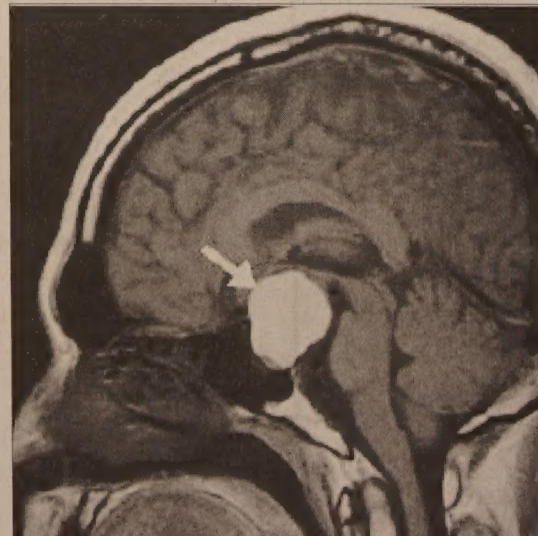
# Toothy tumor discovered in brain

By KELLY CARTY  
Science & Technology Editor

Inherent in its Latin root *tumere*, meaning "to swell," a tumor describes an abnormal growth of cells. It is a bodily excess, something indispensable, often necessary, for proper bodily functions. This modern conception of tumorous growths leaves no room for functional structures in the abnormal mass. Imagine the surprise, then, when a team of doctors at Johns Hopkins Hospital found fully grown teeth in the brain tumor of a four-month-old child. In 2012, the mother of the child took him to the doctor for a stuffy nose. The pediatrician noticed that the child's head was growing faster than expected from past medical measurements. After an ultrasound and a CT scan, the child was diagnosed with a brain tumor and rushed to Hopkins Hospital. Edward Ahn, a pediatric neurosurgeon at Johns Hopkins Hospital, was the lead surgeon in the child's case. He recognized the tumor as a craniopharyngioma, a rare mass that generates pressure in the brain by pressing against the pituitary gland and the optic nerve. During surgery, Ahn found pieces of white matter in the tumor. He originally thought nothing of them, as craniopharyngiomas often present with calcium deposits. Upon closer inspection, however, Ahn thought the bits of white looked like teeth. A pathologist later confirmed this judgment. Teeth are not unprec-

edented facets of tumorous growths. Teratomas, colloquially called "hairy-toothy tumors," often contain bits of teeth or strands of hair. However, unlike craniopharyngiomas, teratomas are derived from stem cells. Because stem cells are pluripotent, meaning they can adopt many different cell fates, the dividing cells of a teratoma can differentiate into many cell types. Sometimes, these abnormally dividing cells cooperate and form identifiable structures. Craniopharyngiomas are not derived from stem cells. Thus, it is unclear how the cells comprising a craniopharyngioma can form a fully-grown tooth. Ahn thinks it has something to do with the origin: The cells of a craniopharyngioma may have a common lineage with pre-teeth cells. This may give them certain developmental markings for teeth. In fact, these tumors often include other

calcifications, keratin and fragments of teeth. However, this particular case is interesting because the tumor included a very rare fully formed tooth. The Hopkins team that conducted the 2012 surgery published an article on the tooth-infested tumor in a February edition of the *New England Journal of Medicine*. This research could prove extremely useful for developmental biologists, as it may illuminate factors or pathways that restrict cell fates. The four-month-old patient is now two years old and walking. During the original surgery, the Hopkins team could not remove the whole tumor because of its proximity to major blood vessels. This has left the child with some vision problems. Currently, the patient is following a hormone-replacement regimen and goes to Hopkins for regular checkups.



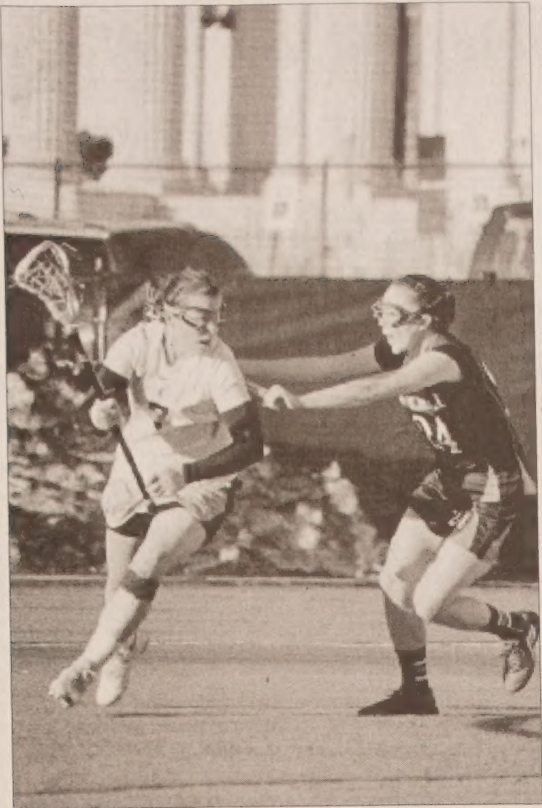
Brain tumors are not only incredibly dangerous but also quite complex.



Prejudices against the gay community can harm one's own health.



SPORTS



NANCY KIM/PHOTOGRAPHY STAFF  
Lady Jays tie Division I record for consecutive wins to start a season.

# D'Amore inches closer to JHU face-off record

W. LAX, FROM B12

When the first half had concluded, the Hopkins lead had stretched to 10 thanks to three more goals coming from DiMartino and senior Sarah Taylor (2). George Washington would not go down without a fight in the first half, as they scored their lone goal of the half with two minutes to go. Heading into the locker rooms, the score read 11-1, Hopkins.

George Washington came out swinging from the locker room. The Colonials led the scoring charge early in the half with two goals to cut the lead to eight, 11-3. Hopkins responded quickly though. Cook put her fourth goal of the day in the back of the net, while freshman Haley Schweizer scored goal 13 on the day for Jays to give them a 10 point cushion. DiMartino scored shortly after, and the lead kept growing from there.

To finish the scoring on the day, D'Amore scored yet another goal, while Taylor found the back of the net for goals 16 and 17 on the day for the girls.

On the defensive side of the ball, junior goalie KC Emerson had a historic day for the Jays, stopping 16 shots. That total is the most by a Hopkins goalie in 12 years.

When asked about the match, sophomore Caroline Turco had very positive things to say about

the team's performance, and the hope the team feels going forward. "We felt we played George Washington just as we would any other opponent," Turco said. "We didn't take them lightly, and definitely played as a unit"

- CAROLINE TURCO

Our goalie stepped up and had an awesome game too. Going forward I think we are really prepared, and we know we can take on anyone."

The Lady Jays took to the field again yesterday to take on Boston University. In what turned out to be a hard fought victory for Hopkins, the two teams battled back and forth throughout the game.

The game was highlighted by DiMartino tying her career high goal total with four goals. Three of these came in the second half. Cook and Reifler played a vital role in the victory as well. Each finished the game with two goals, while Cermack added two assists.

In the 11-8 win, D'Amore secured her 202nd draw, leaving her one shy of the program record. Emerson's five saves were enough to get Hopkins their eighth straight victory to start the season, tying a Division I record.

Hopkins will face Michigan at home this Sunday at noon. The Lady Jays hope to add to their win streak and capture the Division I record.

# Regionals prove a tough meet for Blue Jays

By ALEX PICANO  
Staff Writer

The Hopkins men's fencing team participated in the 2014 NCAA Mid-Atlantic South Regional on Saturday hosted by Lafayette College. Sophomore Mark Zimmermann led the team with a ninth place finish. Sophomore John Petrie also earned a top-15 finish, placing 12th. Zimmermann and Petrie both achieved their 150th career wins on the day.

Zimmermann did one place better this year at the Regional than he did last season as a rookie. He went 12-13 on the day to finish in ninth place in the Epee. He finished the season with 66-34 record and is 157-94 for his career. His 157 career wins are tied for 111th most in school history among Epeeists.

"Performing well in regionals is all about consistency and staying mentally strong," Zimmermann said. "Fencing 25 bouts against some of the best fencers in the country is not only physically but also psychologically

draining. By taking the event one opponent at a time really helps limit the mistakes."

Petrie led the Blue Jays' Foil squad with a 10-15 record for a 12th place finish. He finished the season with an 81-36 record and a 158-73 for his career. "Coming in 12th was an exciting finish, the final round was comprised of the strongest fencers in our mid-Atlantic division which included fencers from Penn State, U Penn, Princeton, Duke and other Division I schools," Petrie said. "I was the only Division III athlete to make it that far in my weapon, which was a good way to end my sophomore season."

Freshman Dylan Etzel took 29th place with a 1-3 record on the day, finishing the season at 15-30. "As a freshman, the season as a whole was quite exciting. Championships went really well since we won the men's team title, and on Saturday we had NCAA Regionals where Mark and Jay both landed spots in the top 12," Etzel said. "I think the season went great overall, and

though we'll miss our seniors graduating, our team is young overall, and we can only go up from here."

Sophomore Jonathan Mui, senior Evan Stafford and sophomore Glenn Balbus finished in 25th through 27th place, respectively. Mui went 2-2 on the day to finish at 33-18 for the season and 57-25 for his career. Stafford also went 2-2 to finish the season at 61-19 and his career at 206-123. He finished four spots better than his finish at the last two regional championships. Stafford finishes his career ranked 25th in school history for wins in any weapon and 10th among foilists. Balbus finished the day with a 1-3 record to move to 70-24 on the season and 126-57 for his career.

"MACFA Champs was a pretty exciting day. We knew our big challenge would be beating out Steven's, because we are very evenly matched in terms of skill level and had lost to them earlier in the season," Balbus said. "We managed to beat them 5-4 and ended up winning the

overall championship by two bouts, which was incredibly close. Our epee and sabre squads both had very good days, both of them came in second and our foil squad (myself included) had a decent day, coming in third for squads."

Junior Aravind Menon led Hopkins with a 22nd place finish in the Sabre. He went 8-7 on the day and finished the season with a 64-23 record. He is now 176-83 for his career. His 176 wins rank 13th in school history in the Sabre.

"Our championship was really intense because we were losing to Stevens tech the whole day," Menon said. "But with the help of back-to-back victories against Yeshiva and University of Virginia we were able to clinch the win. Though we didn't win in any of the individual squads, I think the team will be more motivated and driven to sweep everything next year."

Overall, the Hopkins men's fencing team finished their season strongly, and have a lot to look forward to next year.

# NFL's Version of March Madness

By ERICK SUN  
Sports Editor

Free agency in the National Football League started off with a bang this past Tuesday afternoon. At 4 p.m., teams around the league were free to sign free agents to contracts, and GMs did not disappoint.

In the first 24 hours alone, teams spent \$1 billion combined as struggling teams looked to make their rosters while established contenders sought to bolster their chances for a Super Bowl run.

Of note, the Denver Broncos made a huge push to balance out their team after getting walloped by the Seattle Seahawks in the Super Bowl. John Elway and Co. added CB Aqib Talib for six years for \$57 million, LB/DE Demarcus Ware for three years for \$30 million and SS TJ Ward for four years for \$23 million to turn a subpar defense into one of the top units in the league at least on paper.

Nothing screams "win now" like spending \$110

million on new players, but were they good moves? No doubt the Broncos are a better football team after shoring up their defense. And for a team that has been on the cusp of a Lombardi Trophy ever since Peyton Manning came to

only open for so long, and taking advantage of having a Hall of Fame quarterback under center means going all-in is the best way to win a title.

On the other end of the spectrum, the San Francisco 49ers made some intriguing moves to add to their roster, which have been met with mixed reviews.

To start their free agency period, the 49ers traded for Jaguars quarterback Blaine Gabbert, a former first round pick who has struggled as the main man in Jacksonville.



COURTESY OF FOOTBALL SCHEDULE VIA FLICKR  
New Denver Bronco Aqib Talib is sitting pretty with a \$57 million deal.

town, the moves certainly put the team in a position to finally get over the hump.

However, the big question is, what happens if the moves don't pay off. If the Broncos are unable to win a championship in the next few years with Manning at the helm, that \$110 million dollars, with \$60 million of that guaranteed, suddenly becomes an enormous burden in the rebuilding process.

Regardless, the window to win championships is

In addition to the Gabbert move, San Francisco also traded for embattled offensive lineman Jonathan Martin from the Miami Dolphins. This was the same Martin who was in the middle of the bullying scandal that exploded across NFL circles and nearly tore the Dolphins apart from within their locker room.

Although they seem like odd moves, which do not address major needs for San Francisco, the trades make more sense when looked upon from the perspective of head coach John Harbaugh.

In the lead up to the 2011 NFL Draft, Harbaugh attended Missouri's pro day, where Gabbert worked out for scouts, so Harbaugh clearly had an interest in the quarterback.

Meanwhile, before Martin abruptly left the Miami Dolphins, he had been a highly touted prospect coming out of Stanford where his coach at the time was — you guessed it — John Harbaugh.

So while Gabbert and Martin may not make significant impacts for the 49ers this season, they are low-risk projects for Harbaugh to dig in on.

If the first few days of free agency are any indication, more money will be doled out, and more players will be changing addresses as the spring wears on.

# Despite a tough 2nd half, Blue Jays fall

M. BASKETBALL, FROM A1

The Jays continued to play better in the second half, cutting the deficit down to nine with a 12-5 run started by both Williams and junior Jimmy Hammer draining three pointers. The Marlin's pushed their way back to a 13 point lead, but with 12:46 left, Hammer and Williams scored seven unmatched points to bring Hopkins within five.

Virginia Wesleyan responded with a 15-8 run to give them a 12-point lead with just over five minutes to play. Senior Connor McIntyre and Bugarinovic controlled the next three minutes with eight points and a rebound each to cut the lead to six with two minutes to play. The teams remained close for the last few minutes. However, with only 46 seconds remaining in the game, the Marlins went on a 7-1 run by making seven of eight free throws to win the game by 12.

It was a tough end to the season for the Jays after playing very well in the second half. While the Jays weren't able to overcome the deficit, they can be proud of the hard work and all of the accomplishments they earned this season.

"Anytime you win the conference championship, it's a successful season. Losing in the tournament was tough and it'll be sad to see our seniors go. They were a great group of guys and great leaders both on and off the court. But with the experience we gained from this year, I think we'll come back strong next year and make another run," Williams said. The Jays will have an entire year to begin training in preparation for the new season next year. A Centennial Conference Championship repeat will certainly be on their minds as the Jays will look to improve on one of their most successful seasons in Hopkins basketball history.

BLUE JAY SPORTS SCOREBOARD			
Men's Lacrosse	Women's Lacrosse	M. Basketball	Baseball
March 8, 2014 @ UMBC W, 15-8	March 8, 2014 vs. George Washington W, 17-3 March 12, 2014 vs. Boston W, 11-8	March 7, 2014 @ Virginia Wesleyan L, 84-72	March 8, 2014 vs. Rivier (DH) W, 7-3; W, 4-3 March 9, 2014 vs. Oneonta (DH) W, 18-7; W, 6-3
Men's Track	Women's Track	Women's Fencing	Men's Fencing
March 6, 2014 @ Tufts Last Chance Meet DMR: 10:01.84 (Record) March 7-8, 2014 @ ECAC 59th place	March 6, 2014 @ Tufts Last Chance Meet Shot Put: Swenson, 13.63 m March 7-8, 2014 @ ECAC 18th place	March 8, 2014 @ NCAA Regionals Epee: Couch (15th) Sabre: Kalina (14th)	March 8, 2014 @ NCAA Regionals Epee: Zimmerman (9th) Foil: Petrie (12th)



SPORTS

# Six athletes qualify for NCAA Nationals

By ZACH ROBBINS  
For The News-Letter

The Hopkins women's track and field team had a very successful weekend at both the Tufts Last Chance Meet on Thursday and the ECAC Division III Indoor Track and Field Championships on Friday and Saturday. These are their last meets of the season before a select group heads out to Lincoln, Neb. for the NCAA Division III Championships on March 14 and 15.

On Thursday at the Tufts meet, senior team captain Emily Swenson broke her own school record with a throw of 44'8.75" (13.63 m) in the shot put event. Swenson tied for first in the event with Widener's Erica Szpynda and is now ranked 12th nationally in the event, putting her into position to compete at nationals.

The distance medley relay with junior Ingrid Johnson, sophomore Megan McDonald, senior Maggie Shelton and freshman Tess Meehan placed first overall at the meet with a time of 11:56.47. Their time (converted for track size) of 11:48.88 ranks seventh nationally, which qualifies them to compete in Lincoln for the national meet.

Shelton, also a team captain, is ranked second nationally in the 800 meter and will be competing in the NCAA Championships, with hopes to add another title to her impressive resume which includes NCAA All-American honors in outdoor track. "I don't want to jinx anything with the open 8, but if I can finish within a couple of spots where I'm seeded I'd be thrilled," said Shelton. She will compete right after teammate Andrew Carey, who qualified for the same event on the men's side.

Junior Ashley Murphy placed second in the 3000 meter run with a time of 10:06.31. Sophomore Hannah Oneda ran a 17:54.86 in the 5000 meter event, placing ninth.

At the ECAC Championships, Swenson had a career day in the pentathlon. Her approach this weekend was recovering after an intensive conference championship meet.

"I was focused on making sure I got a good mark for high jump this time around. That was the event I had the most trouble with at confer-

ences," said Swenson. Her approach paid off, scoring a personal best of 3324 points while placing second in the pentathlon at the meet. She won her strongest event, shot put, outright with a throw of 13.23 m, ran a 2:38.79 in the 800 meter run, finished second in the 60 meter hurdles, tied for fourth in the long jump, and tied for ninth in the high jump. Her scores put her in place to compete in the NCAA Division III Championships for the pentathlon, where she will look to receive honors on top of last year's NCAA outdoor track All-American honor.

The Lady Jays were well represented in this event, as sophomore Nikki Kerns also competed. "This past week the whole team really tried to rest so we could be fresh for the events. We worked on some last minute technique and made sure everything was as perfect as it could be for the meet," Kerns said. Her preparation worked, as she placed fourth in the pentathlon with a score of 3211 points. Kerns placed third in both the 60 meter hurdles and the long jump, fourth in the 800 meter run, fifth in the high jump, and seventh in the shot put.

While many of the girls have moved their focus to outdoor track, the qualifiers of the Hopkins track team are preparing to head out to Lincoln. The team is extremely excited as the preparation for their final meet kicks in.

"At this point, all the months and months of training are there for us, so all we can do to prepare now is just get excited, get a lot of sleep and be confident going in. We're tapering this week so our legs should be nice and fresh and ready to go," said Loeb about this upcoming weekend.

The Jays will have a total of 11 individuals competing in nine different events between the men and women, which is a program record.

Loeb added, "We're hoping to finish in the top ten teams in the nation on both the men's and women's side. I think we all have the right mindset going in. We're all excited for this opportunity to compete on the national level and we're doing our best to stay relaxed so we can all perform well."

By RACHEL COOK  
Staff Writer

The Hopkins men's baseball team started off their 2014 season this past weekend with a strong and undefeated 4-0 record. The Blue Jays swept both Rivier and Oneonta, outscoring both teams with a combined 35-16 runs. Many of the Blue Jays noticed strong performances throughout the four games. However, senior captain Richie Carbone had a remarkable standout weekend. Carbone started off his 2014 season with three straight doubles, two runs and an RBI in a 4-3 victory over Rivier, while going 2-for-3 with his first career triple, a single and two RBIs in the Blue Jays' 18-7 win over Oneonta.

Carbone has been named the Centennial Conference Player of the Week after batting .833 with three RBIs. This is his first career selection as the conference player of the week, but his performance left the promise for more to come.

Due to his unmatched performance and excellent start to the new season, *The News-Letter* has chosen Richie Carbone to receive the honor of Athlete of the Week.

The News-Letter: In game two of the double header against Rivier, you went 3-3 at the plate and tied a Hopkins record for doubles in a game. What does this accomplishment mean to you, especially so early on in the season?

Richie Carbone: It has been nice to get out and play again after the weather held us inside for the

entire month of February. I was just trying to hit the ball hard every at-bat. I am happy that I was able to help our team get off to a 4-0 start this weekend.

N - L :

How has Coach Babb influenced your game over the past three seasons, and how has he helped you prepare going into your senior season?

RC: It has been an honor to play for Coach Babb for the past three years. He has an unbelievable baseball mind and has been coaching the game longer than I have been alive. Every day is a learning experience for all of us on the team, and it is important for us to keep our ears open as he is always teaching.

N-L: As a senior captain on the team, how do you keep your team motivated and focused, especially after early

success?

RC: It is great that we have started 4-0, but our goals are to win the Centennial Conference championship and eventually the Division III National Championship. With these goals in mind, it is not

tough to keep our guys motivated. We have a great group of hard working guys who bring a high intensity level to every prac-

tions" and things of that sort. Our focus every day is to make sure we are getting better so that we play to the best of our abilities

come game time. The Centennial Conference is always tough, so we know we have to work hard to finish on top.

N - L :

What do you think is the biggest challenge your team will have to face/overcome as you head into the regular season and later into the postseason?

R C :

Our biggest challenge will be the lack of a home field. The renovations of our new field have been delayed because of snow and freezing temperatures this winter. Our team has embraced a "Road Warrior" mentality, but it will be a unique year without a place to play on campus. Our guys will need to be tough both mentally and physically. We have worked hard all year to get ourselves ready for the season. Now it is just a matter of performing and bringing a championship back to Baltimore.

tice and games. We know we have a lot to prove.

N-L: What are your overall goals for yourself and for your team as you head into the season?

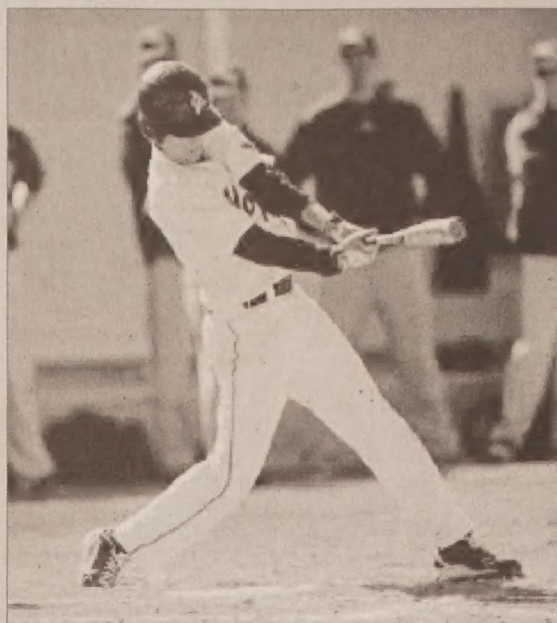
RC: Our team goals are to win the Centennial Conference championship and then the NCAA national championship. I don't really have any personal goals other than helping our team accomplish those team goals. I know if I play well then it will help our team win games, so that is what drives me every day.

N-L: Your team has been projected to finish first in the Centennial Conference Preseason Poll. Do you feel any added pressure on your team to succeed after being placed at the top?

RC: It is an honor to be picked to finish first in the conference, but we don't like to dwell on "projec-

Carbone and the Blue Jays hit the field again on March 14 as they take on the University of Pittsburgh at Bradford in Ft. Myers, Fla. The team will look to build off of their momentum after sweeping their first weekend of the season when they hit the field in Florida.

## ATHLETE OF THE WEEK RICHIE CARBONE - BASEBALL



HOPKINSSPORTS.COM  
Carbone batted an incredible .833 during the first four games of the year.

### VITAL STATISTICS

Name: Richie Carbone  
Year: Senior  
Position: 1B/OF  
Major: Economics  
Hometown: New York, N.Y.  
High School: Poly Prep

## Baseball wins four games over the weekend

By TOBY MIRMAN  
For The News-Letter

After a delayed start to the season because of cold and snow, the Blue Jays opened up their season with a sweeping pair of daytime doubleheaders.

In Saturday's opening game against Rivier, the Jays jumped out to an early lead when in the bottom of the second inning, they pounded out five consecutive hits, scoring three runs on RBIs by sophomore Pete Siciliano, freshman Conor Reynolds and Sophomore David Rauber.

After a perfect third inning for both squads, Rivier answered in the top of the fourth, tallying three runs on four hits off senior hurler Tyler Goldstein to tie the game. However, the game didn't stay tied for long, as the Jays scored another run on one hit, leaving one on base to take a 4-3 lead. Sophomore Carter Burns came on in relief for Goldstein, pitching a perfect fifth to bring the Jays back to the plate.

With Hopkins nursing a 5-3 lead in the bottom of the eighth, sophomore Kyle Gillen drilled a two-run dinger over the right field wall, adding some insurance heading into the top of the ninth. Junior Justin Dreschel closed out the ninth, striking out two and popping out the third, clinching the 7-3 victory for the Jays.

Hopkins didn't slow down in the second game of the day, with junior Colin McCarthy starting the rally with two outs in the first inning with a single to short. After stealing second base,

senior captain Richie Carbone knocked his first double of the day, driving in McCarthy to give the good guys a 1-0 lead. The next batter, sophomore shortstop Raul Shah punched a single into center field to score Carbone from second, putting the Jays up by two.

With two outs in the bottom of the third, Carbone and Shah did it again; after Carbone ripped another double into left field, Shah followed him with another single up the middle, making the score 3-0.

A strong but brief start from sophomore Trevor Williams (4.0 innings pitched, 2 hits, 1 run(earned), 1 walk, and 5 strikeouts) had Hopkins up 3-1 through four, but the offense stalled, and the Raiders tied up the game with single runs in the fifth, and seventh innings. However, the Blue Jays battled back as McCarthy's two out RBI single in the seventh put them up 1.

A leadoff triple in the top of the eighth put the go-ahead run at the plate for Rivier. However, junior righty Tom Harper promptly slammed the door, striking out the side to leave the runner on third. In the ninth, Harper closed it out to earn his first save of the season, allowing just one base runner on an error by the third baseman Siciliano, before striking out the last batter swinging to end the game.

On Sunday, powered by big bats and a deep staff, the Blue Jays won another two games against SUNY Oneonta.

The Red Dragons jumped out to an early lead

in the first, with sophomore Dylan Stamile doubling down the right field line to bring in Matt Mastroianni. The Blue Jays answered back in the bottom frame, as freshman Ryan Orgielewicz smacked his first collegiate RBI on a double to right field.

In the top of the third, Oneonta rallied with two out and none on, using a walk and two singles to go ahead 2-1. Junior Jacob Entlerlin worked himself into a jam, but with the bases loaded a few batters later, he forced a groundout to end the inning. Hopkins answered right back however, as McCarthy singled to right center in the bottom of the inning to drive in sophomore JR Charles who had reached base on a single and advanced to second on a fielder's choice.

In the fourth, Hopkins broke the game open by batting around on their way to scoring seven runs, making the game 9-2. From there, the Jays offense took the reins, adding a run in the fifth, and four runs in both the sixth and seventh to lock up the game. Five different Hopkins batters had at least one RBI, while McCarthy led the team with two hits, the RBIs and a run.

In the second game of the day, Hopkins rode the right arm of sophomore Colin Friedman, who allowed only two hits and one earned run in six strong innings, striking out four while walking just one. Friedman, who made news in High School for pitching three consecutive no-hitters, one of which was a perfect game, was perfect through three. In the bottom of the third, the boys

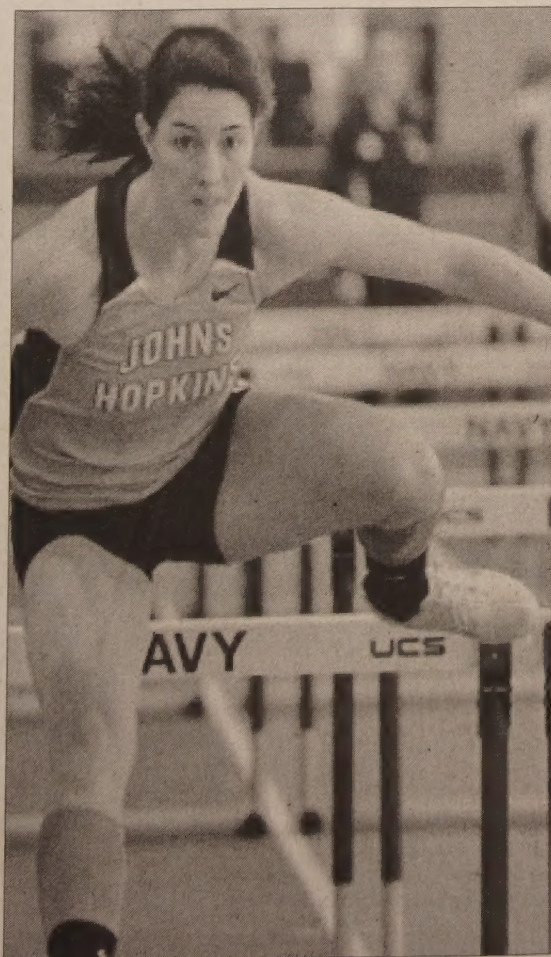
in blue and black benefited from a fielding error by the Oneonta first baseman which allowed senior Mike Denlinger to score from second, making the score 1-0. In the bottom of the fifth, a pair of RBIs from Denlinger and freshman Joe Conlon made the score 3-0.

Oneonta finally broke through in the top of the sixth when freshman Casey Kies singled, stole second and third, and was then brought in by another single by Mastroianni. However, after allowing the runner to advance to second on a wild pitch, Friedman promptly picked him off trying to steal third, before forcing a groundout to end his day.

In the bottom of the eighth, with Hopkins up 4-1, the Jays loaded the bases, allowing freshman TJ Gordon to steal home to add some insurance. Denlinger later singled in the inning to bring home McCarthy and give Hopkins a 6-1 lead heading into the ninth.

The Red Dragons were not done yet, scoring twice in the top of the ninth to cut the Hopkins lead to three with only one out. Head coach Bob Babb called upon Justin Drechsel to close things out, and after letting up a single to his first batter, the junior from Springfield, VA delivered, striking out a pair of Oneonta pinch hitters to earn his first save of 2014 and help Hopkins seal the 6-3 victory.

The Blue Jays will look to continue their unbeaten streak when they head down to Fort Myers, Fla. to play in 10 games in nine days.



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The #22 women's track team will be well represented in Lincoln, Neb.



# SPORTS

## DID YOU KNOW?

Junior wrestler Paul Bewak has had an illustrious career at Hopkins. This past weekend he added to that legacy by earning Hopkins' first ever top seed at the NCAA Nationals.

## CALENDAR

FRIDAY  
Track @ NCAA Tournament, All Day

SATURDAY  
Men's Lacrosse vs. Syracuse, 12 p.m.

SUNDAY  
Women's Lacrosse vs. Michigan, 1 p.m.

## Baseball starts the season with 4-0 record



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With the weather postponing the start to their regular season, the Blue Jays were very anxious to get out and play. They made this very obvious by cranking out four victories in one weekend. With back-to-back double headers against Rivier and Oneonta, many of the players got opportunities to shine. Please see page B11 for more details.

### Women's Track: Swenson Shines

Seniors led the way for women's track this weekend. Among four others, seniors Emily Swenson and Maggie Shelton both qualified for the NCAA Championships. **Page B11**

### Athlete of the Week: Richie Carbone

After leading his team with a .833 batting average and being named Centennial Conference player of the week, senior Richie Carbone was named Athlete of the Week. **Page B11**

### Men's Basketball: NCAA 1st Round

After taking the Centennial Conference for the first time since 2007, the Blue Jays were unable to rekindle that magic as the men's basketball team fell 84-72 to Virginia Wesleyan. **Page B10**

## Women's Lacrosse gets two big wins

By MITCH WEAVER  
Staff Writer

For the Hopkins women's lacrosse team, this weekend's match against George Washington proved to be a prime example of what most of us call a "one-sided affair." Heading into the matchup 6-0, the Jays looked to extend their season opening win streak to seven, in prime position for the rest of the season.

The 17th ranked Jays did just that, stretching their record to 7-0 with a 17-3 victory over George Washington. There were big time performances seen all around for the Jays, as three players scored three or more goals, one had four assists and the goalie notched 16 saves.

Less than three minutes into the game, junior Jen Cook and senior Taylor D'Amore put the Jays on the board to get the early jump on the Colonials. With just under four minutes to go in the half, the Jays had extended the lead to 7-0, thanks to goals by sophomore Dene' DiMartino, Cook and sophomore Jenna Reifler.

Heading into the half, the Jays had built a comfortable lead, but there was still plenty of room to grow it. Senior Sammy Cermack decided to jump into the action as well, thanks to a pass from Cook. Less than 10 seconds later, Cook completed a hat trick to stretch the lead to 8-0.

See W. LAX, PAGE B10

## Barnett secures first NCAA berth

By IAN GUSTAFSON  
Staff Writer

Led by Centennial Conference Coach of the Year Bobby Van Allen, Hopkins men's track had an eventful day at the Tufts Last Chance Meet on Thursday evening. For most of the Blue Jays who competed, it would be their last chance to qualify for the national meet March 14-15 in Lincoln, Neb.

Freshman Andrew Barnett stole the show, clearing 15'11.25" (4.86 m) to win the pole vault. In just his first year of collegiate competition, Barnett is ranked ninth in the nation in the event and is on the verge of setting Hopkins records as well. He is already second all-time in Hopkins history in the pole vault and needs to improve by just .75" to surpass the 16' (4.88 m) record set by Brian Nichols.

"I feel that I have a good chance of breaking the record," Centennial Conference Rookie of the Year Barnett said. "I had some good height over 15'11.25" and I think that with another try, 16' and beyond will be within reach."

With his new high mark, Barnett is in a position to compete at nationals in Lincoln in the pole vault. Barnett commented on his meteoric rise from high school athlete to collegiate national qualifier. "I focused on making sure I remained consistent in doing the things that worked for me in high school while at the same time finding new things that could help my form," he said. "Also getting stronger and faster are keys to improving as a pole

vaulter."

Hopkins also found success in other arenas at Tufts on Thursday. The men's distance medley relay team of junior Julian Saliani, sophomore Trevor Holmgren and Centennial Conference first-team selections senior Colin Rozanski and senior Andrew Carey ran their event in 10:01.84, setting a Hopkins record in the process. Their time was good enough for fourth place in the event.

The relay team smashed their previous season best set

placing sixth was junior Ryan Walsh who cleared 6'2.00" (1.88 meters) in the high jump.

The Centennial Conference Indoor Track and Field Champion Blue Jays also competed Friday and Saturday at the Eastern College Athletic Championships (ECAC) in their last chance to qualify for the national meet.

Junior Michael Spadaro turned in a strong performance in the heptathlon, placing third in both the

60 meter dash and the shot put and turning in a fifth place finish in the long jump and fourth place in the high jump but came up short of finishing among the top seven qualifiers.

Hopkins finished the day in 59th place at the ECAC Championships, which Bates College won for the second year straight with a team score of 47 points. The extremely competitive event saw four meet records shattered.

These two meets wrap up the end of a very successful men's indoor track and field season for the Blue Jays who won an invitational at University of Maryland as well as the Centennial Conference Championship. Freshman pole vaulter Barnett will be competing at the Division III National Championships next week.

"I am just happy to be happy to go to nationals, and I am going to try and have the most fun I can during the experience," Barnett said. "With that being said, I am a very competitive person and I want to win."



HOPKINSSPORTS.COM

Hopkins DMR team sets program record at the Tufts Last Chance Meet.

at the Bison Open by almost eight seconds. Their new time put them at 14th in the nation in the event (9:53.86 converted for track size). "The key for us on Thursday was to just not think about how many seconds we wanted to drop, but just go run our race" Saliani said.

"Our DMR relay had the pieces to run around 10:00, but it had never come together in one race," Saliani added. "We knew that if we all ran well the time would be there, and we just tried not to be intimidated by how many seconds we wanted to drop. It was a much tougher race physically than I imagined because we race so many good teams, but I just tried to stay within myself and get us to that time. The other guys in the relay really stepped up and our final time showed it." Senior Max Robinson finished sixth with a time of 15:01.50 in the 5,000 meter run. Also

## Men's Lax bests UMBC to remain unbeaten

By ZACH ZILBER  
Staff Writer

In a game that saw the Jays score nearly as many fourth quarter goals as they have all season, third-ranked Hopkins nearly blew a 7-1 lead.

Facing off against unranked UMBC, the Jays got to work right away with sophomore attackman Ryan Brown scoring the first goal of the game. Under a minute later, senior attackman Brandon Benn extended the lead to two. The goal marked Benn's 21st consecutive game with a score.

Brown was not done, as he scored his second goal in six minutes, picking up right where he left off during the last game against Michigan, in which he tallied five goals.

After allowing UMBC to score for the first time, sophomore midfielder Connor Reed sparked a scoring run with his goal. 30 seconds later, junior attackman Wells Stanwick secured his first goal of the day. Another 30 seconds passed before Benn scored on an assist from senior captain James Malm. It would be another three and a half minutes before Brown punched in his third goal of the day to give Hopkins a 7-1 lead.

A goal from UMBC sophomore midfielder Pat Young with 10 seconds remaining in the first quarter cut the lead to 7-2 and was a sign of things to come. Young opened the second quarter on a scoring spree, hitting his team's next two goals. After another Retriever finally put one on the board, Young came back with his fourth and final goal of the day to cut the lead to 7-6. The Retrievers has reset the tone of the game as the two teams headed into their respective locker rooms.

The Blue Jays were held scoreless in a non-overtime quarter for the first time this entire season as they watched their 7-1 lead nearly evaporate.

Benn opened the scoring just nine seconds into the second half, giving the Jays a little breathing room until senior captain Rob Guida scored his first of the day just one minute later. The 9-6 lead would nearly disappear, however, as UMBC sophomore midfielder Jack Gannon answered with two goals of his own to end all third quarter scoring and bring the score to 9-8 in favor of Hopkins.

The Blue Jays, ranked third overall in the entire nation, would enter the final quarter protecting a 9-8 lead against an unranked

opponent. Entering the game, the most goals they have scored in the fourth quarter this season was three, in the team's most recent game against Princeton.

15 minutes later, that mark would change.

Three and a half minutes would pass in the fourth quarter before Guida tallied his second goal of the day to give Hopkins a two-goal lead. Just a minute later, Benn scored his fourth goal of the game on an assist from Stanwick. His third of the day, the assist was Stanwick's team-leading 18th of the season, giving him 10 more than the next closest teammate (Brown).

The momentum did not cease, as only one more minute passed before Stanwick and Benn switched roles with Stanwick scoring his second of the day on an assist from Benn. The 3-0 scoring run put Hopkins up 12-8 with nine minutes to go, but the Jays were just starting to heat up.

Sophomore midfielder Holden Cattoni reignited the offense near the six-minute mark and was followed by Stanwick soon after. The goal completed Stanwick's hat trick and gave him three goals and three assists for a six-point day.

Just 10 seconds later, Benn scored again on an assist from Cattoni, capping his five-goal, six-point game (both career bests). The assist from Cattoni was his fourth of the game; he had three in his Hopkins career entering play.

Benn's goal with five minutes remaining would be the game's last goal, as the Jays held the Retrievers scoreless for over 18 minutes, the sixth time this season they were able to deny an opponent a goal for at least 15 minutes.

Senior goalie Eric Schnieder would finish the day with eight saves and his fifth win in as many games as Hopkins improves to 5-0. Brown's three goals raise his total up to 15, just two shy of his total from last season. His four points put him second on the team in the category with 23, behind only Stanwick who has notched 27.

The team's 11 turnovers on the day represented a season-best, as Hopkins won the turnover battle for just the second time in five games. With the win, the Blue Jays remain unbeaten and will host 11th ranked Syracuse this Saturday when they return to Homewood Field.



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Stanwick notches a hat trick and three assists in the win against UMBC.